DAIKIN

ED72 - 975

Engineering Data

Navigation Remote Controller
(Wired Remote Controller)
BRC1E61

DAIKIN INDUSTRIES, LTD.

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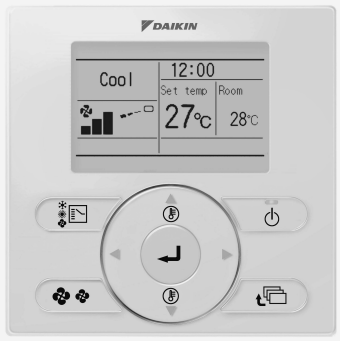
1. Features

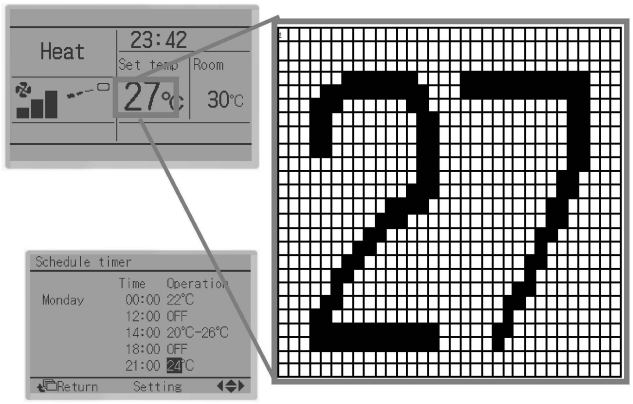


BRC1E61

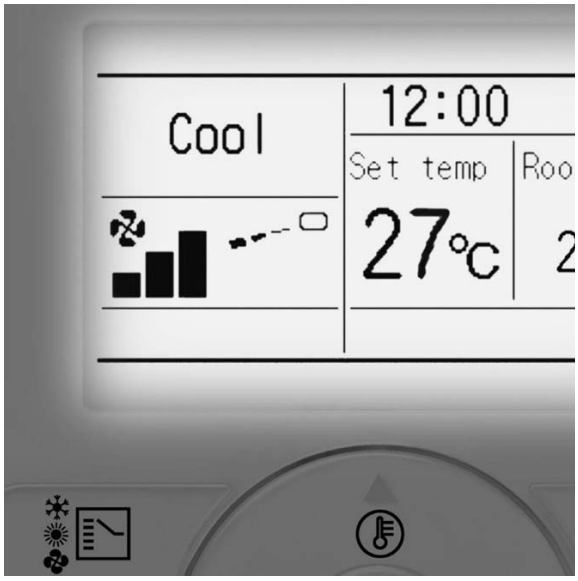
- Clear Display ····· Equipped with backlight and large sized character display and buttons.
- Stylish ····· Basic tone is white and arrow keys are located at the center.
- Simple Operation ····· Simple operation used with arrow keys and menu-driven method.
- Multilingual Display ····· Available for selection of 10 languages to display arbitrarily
- Other Features ····· Wide variety of functions to meet customer needs such as schedule setting and contact address display.

1.1 Clear Display

- **Dot matrix display**
  A combination of fine dots enables texts and icons to be displayed smoothly and makes the display of a wide variety of text and illustrations possible.



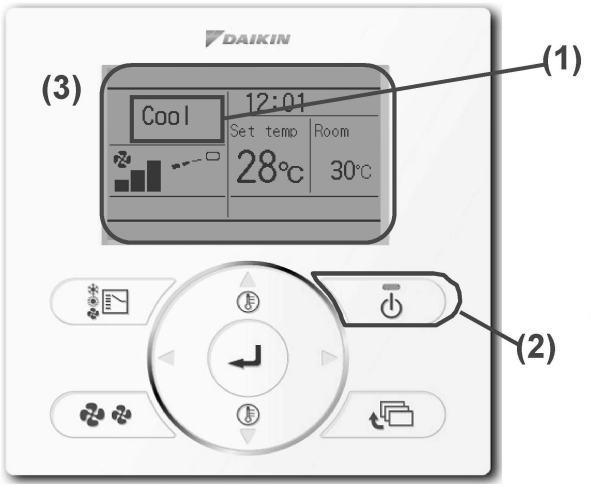
- **Backlight display**
  Newly equipped backlight helps operation in dark room.



1.2 Stylish

Simple and Functional Design

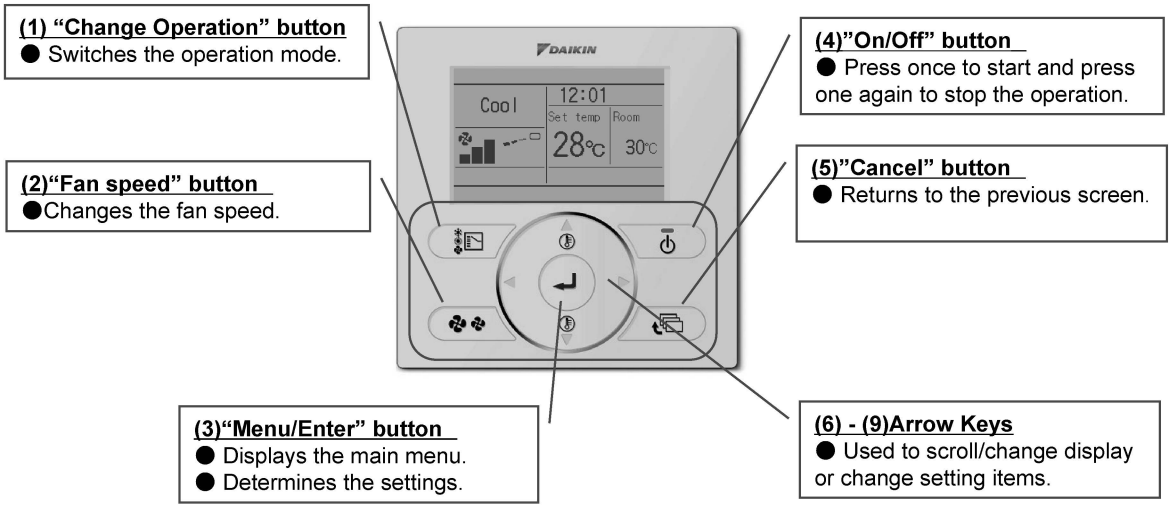
(1)Large text display (2)Large buttons (3)Backlight (4)No-cover design



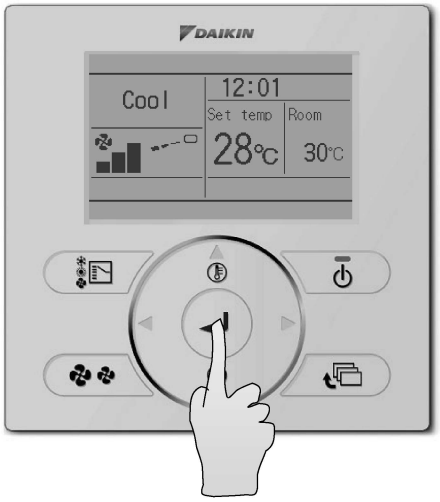
1.3 Simple Operation

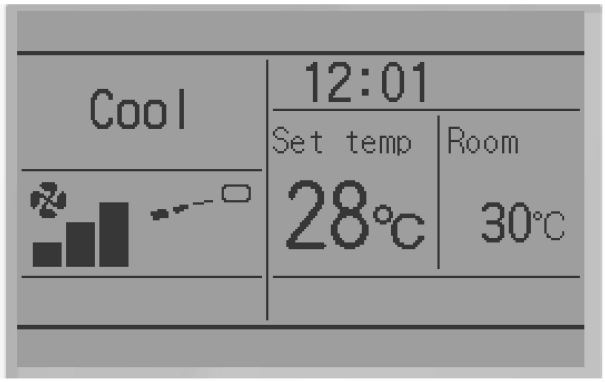
Compared to the conventional structure of button allocation for each function, the number of buttons has been decreased (from 15 to 9).

Can intuitively handle frequently performed basic operations.



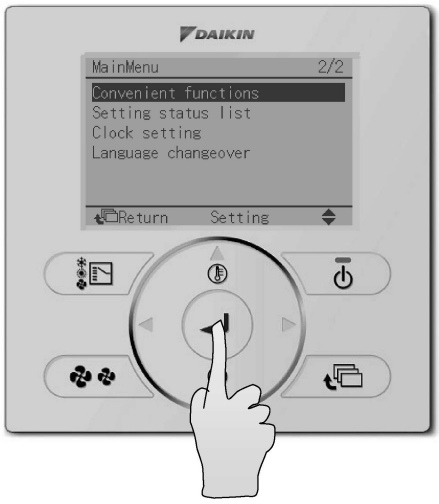
Available for simple operation with arrow keys and menu-driven system.

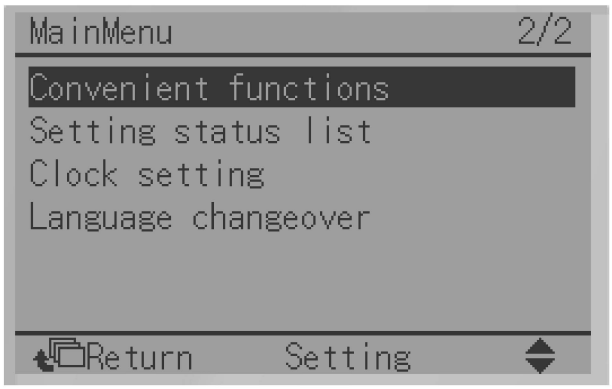




Press the button once to display backlight and make operation available via buttons.

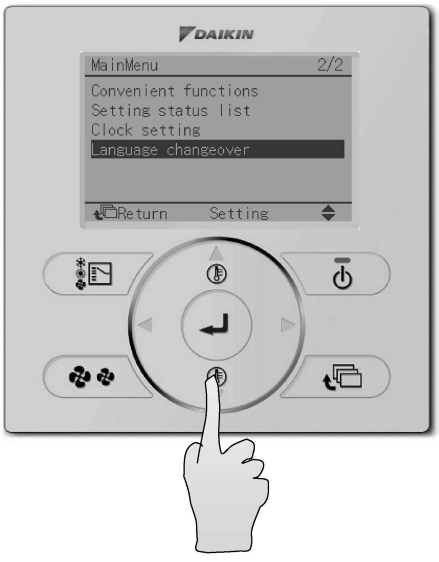
Available for simple operation with arrow keys and menu-driven system.

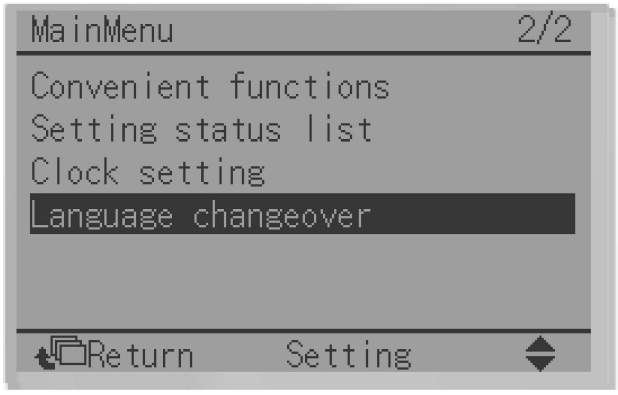




Press “Menu/Enter” button to change the screen and then the main menu appears.

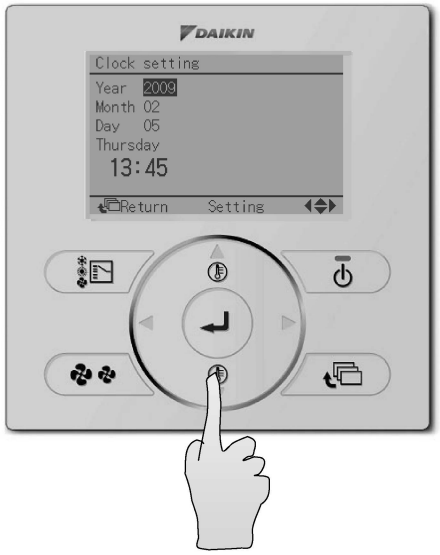
Available for simple operation with arrow keys and menu-driven system.

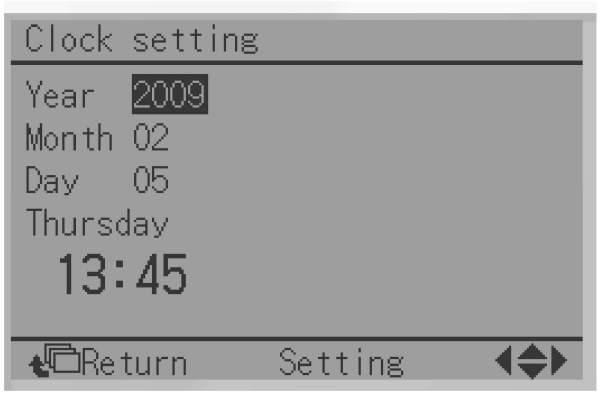




Select the item you wish to set with direction keys and press "Menu/Enter" button at the item you wish to set and the setting entry screen appears.

Available for simple operation with arrow keys and menu-driven system.

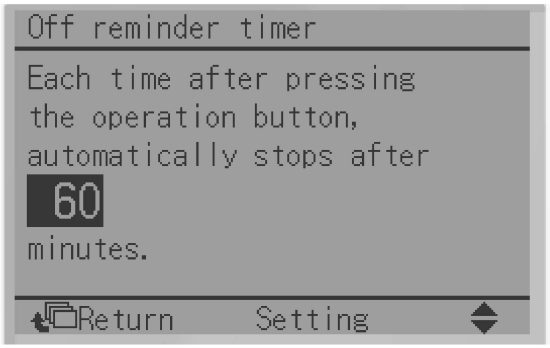




The item you wish to set can be changed with up or down button.

Guide on display

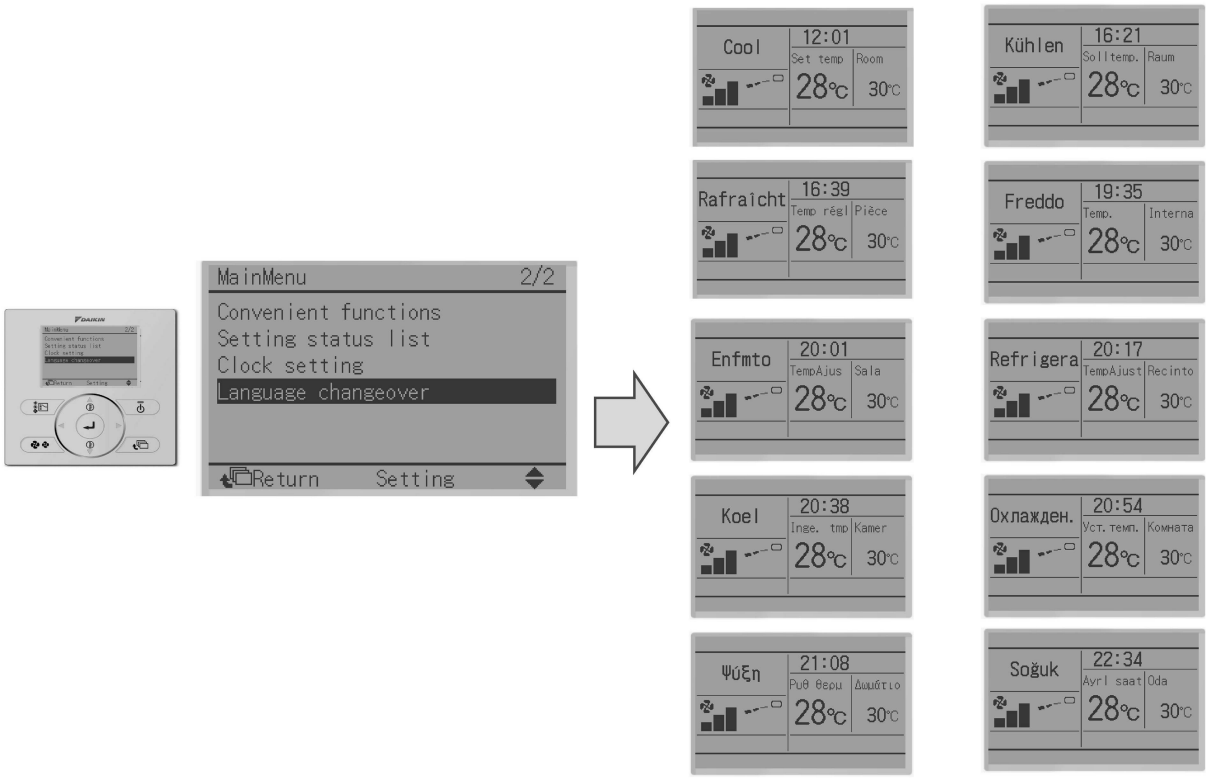
●Example of Setting Screen



The display gives an explanation of each setting for easier operation.

1.4 Multilingual Display

- **Available for display in 10 different languages.**
  Always available for switching display by selecting from main menu.


MainMenu 2/2
Convenient functions
Setting status list
Clock setting
Language changeover
Return
Setting
Cool 12:01 Set temp Room 28°C 30°C
Kühlen 16:21 Solltemp. Raum 28°C 30°C
Rafraîcht 16:39 Temp régl Pièce 28°C 30°C
Freddo 19:35 Temp. Interna 28°C 30°C
Enfmto 20:01 TempAjus Sala 28°C 30°C
Refrigera 20:17 TempAjust Recinto 28°C 30°C
Koel 20:38 Inge. tmp Kamer 28°C 30°C
Охлажден. 20:54 Уст. темп. Комната 28°C 30°C
Ψύξη 21:08 Ρυθ θερμ Δωμάτιο 28°C 30°C
Soğuk 22:34 Ayrl saat Oda 28°C 30°C

10 languages (English, German, French, Spanish, Italian, Portuguese, Greek, Dutch, Russian and Turkish)

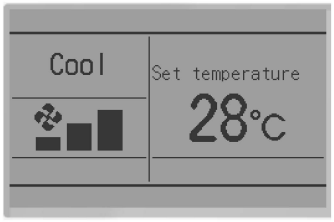
* Opearation Manual and Installation Manual are writen only in English.

1.5 Other Functions

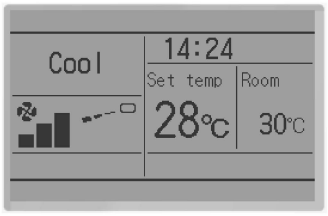
Thanks to full dot LCD, wide variety of contents can be displayed freely.

Switching Display

● Simple display with large letters (standard display)



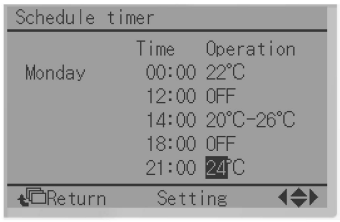
● Display more detailed information (detailed display)



Selectable screen display (Standard/Detailed)

Schedule timer function

● Easy to set up weekly schedule timer



Display of error code /service contact address /model name

● Helpful to make a service call quickly.

＊Service contact address must be registered when the controller is installed.

＊For some models, model codes are displayed instead of model names.

2. Functions

2.1 Functions

Category	Function	BRC1E61
Basic Functions	Drawing display	LCD
	Operation method	Menu selection
	Backlight function	○
Convenient Functions	Clock function (time display)	○
	Display switch function	○ *1
	Keylock function	○
	Schedule (weekly) timer*4	○
Maintenance/Services	Model name display	○ *2
	Contact dealer display	○ *2
	Operation time display	○ *3
	Operational data display	○*3

○: Possible

*1 Used for setting Normal Display mode or Detailed Display mode.
*2-1 When an error occurs, the error code blinks and the contact address and model names appear.
2-2 The contact address must be registered when the controller is installed.
2-3 For some models, model codes are displayed instead of model names.
*3 Can display for some model only.
*4 Setback function

2.2 Restrictions

1. In the case of two remote control system.

		Main		
		BRC1E61	BRC1D61 BRC1C61 BRC1C62	Wireless BRC4*** BRC7***
Sub	BRC1E61	○	×	×
	BRC1D61 BRC1C61 BRC1C62	○	○	×
	Wireless BRC4*** BRC7***	×	○	×

○:Connectable ×:Not connectable

◆ Due to the limited power supply capacity, there are some restrictions when controlling 2 remote controllers.

<Common restriction for SkyAir and VRV>

◆ When controlling one indoor unit with 2 remote controllers, the remote controller operated first turns the backlight on.
◆ When controlling 2 remote controllers, schedule, limit operation, off reminder timer and home leave functions cannot be set with the sub remote controller.
◆ Restriction of operation from the sub remote controller
· When the On/Off button is pressed in the sub remote controller during Home Leave operation in the main remote controller, Home Leave is stopped to return to the normal operation.
· When the Operation mode selector button, the Up button or the Down button is pressed during Limit Operation in the main remote controller, Limit Operation is stopped to return to the normal operation.

<Restriction for VRV only>

Adaptor for wiring (KRP 1*) or power supply adaptor for indoor unit PCB (X18A or X35A) cannot be used for 2 remote controller system.

2. In the case of Centralised remote controller connection.

◆ When connecting a centralised related device(*1), Schedule, Limit Operation and Home Leave functions cannot be set.
(*1) this means All Centralised remote controller.
intelligent Touch Controller [DCS601C51]
intelligent Manager [DAM602B51,52]
Parallel interface [DPF201A51,52,53]
Central remote controller [DCS302CA51]
Unified ON/OFF controller [DCS301BA51]
Schedule timer [DST301BA51]
Residential central remote controller [DCS303A51]
Wiring adaptor for electrical appendices KRP2A5*/6*]

3. Quick Cooling/Heating <restriction for SkyAir only>

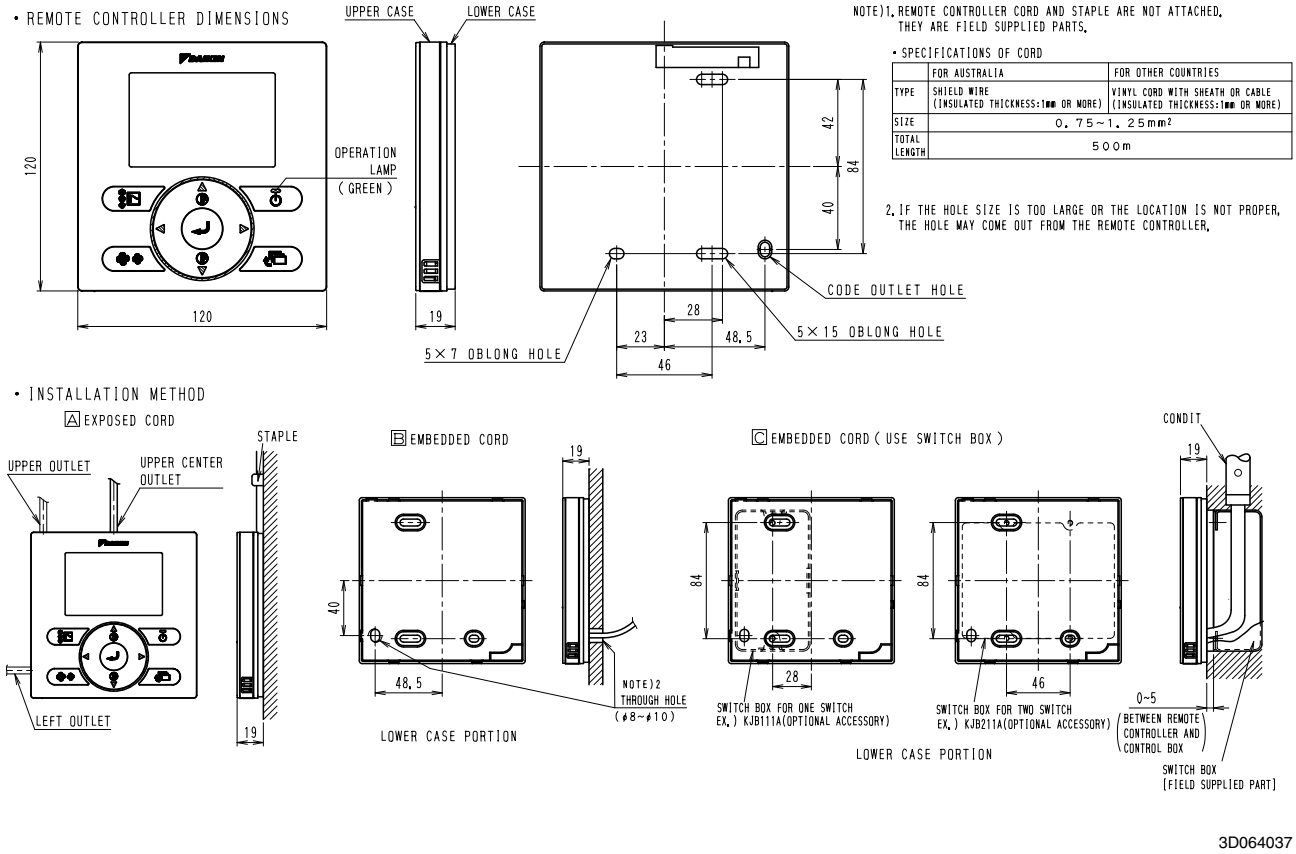
Under the following conditions, Quick Cooling/Heating operation stops to return to the normal operation.

- When the room temperature reaches to the set temperature, the thermostat turns OFF and the unit returns to the normal operation.
- After 30 minutes past from the operation start, the unit returns to the normal operation.

3. Specifications

		New Remote Controller BRC1E61
Dimension (mm) H × W × D		120 × 120 × 19
LCD	Display size (mm) H × W	45.4 × 71.4
	Display method	Full dot method (dot 160 × 255)
	Backlight	Yes (Background color: white)
Color		Fresh white
Cover for operation part		No

4. Dimensions



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5. Applicable Models

5.1 Applicable Models

	Applicable Indoor unit
VRV	All models that can be connected BRC1C62 or BRC1D61
SkyAir	All models that can be connected BRC1C61 or BRC1D61

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Safety Precautions

Read the safety precautions attentively for the correct use of the product.

- The precautions described herein are classified as WARNING and CAUTION. They both contain important information regarding safety. Be sure to observe all precautions without fail.

⚠ WARNING	Failure to follow these instructions properly may result in personal injury or loss of life.
⚠ CAUTION	Failure to observe these instructions properly may result in property damage or personal injury, which may be serious depending on the circumstances.

- The following pictograms are used in this manual.

	Never do.		Always follow the instructions given.
	Be sure to ground the unit.		Absolutely keep wet hands away.
	Absolutely keep water and moisture away.		

■About Remote Controller

⚠ WARNING

- **Do not install the remote controller by yourself.**
  Improper installation may result in electric shocks or fire.
  Consult your Daikin dealer.
- **Do not modify or repair the remote controller.**
  This may result in electric shocks or fire.
  Consult your Daikin dealer.
- **Do not relocate or reinstall the remote controller by yourself.**
  Improper installation may result in electric shocks or fire.
  Consult your Daikin dealer.
- **Do not use flammable materials (e.g., hairspray or insecticide) near the product.**
  Do not clean the product with organic solvents such as paint thinner.
  The use of organic solvents may cause crack damage to the product, electric shocks, or fire.

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——Items to be Strictly Observed——

⚠CAUTION	
	• **Do not play with the unit or its remote controller.** Accidental operation by a child may result in impairment of bodily functions and harm health.
	• **Never disassemble the remote controller.** Touching the interior parts may result in electric shocks or fire. Consult your Daikin dealer or authorized contractor for internal inspections and adjustments.
	• **To avoid electric shocks, do not operate with wet hands.**
	• **Do not wash the remote controller.** Doing so may cause electric leakage and result in electric shocks or fire.
	• **Do not leave the remote controller wherever there is a risk of wetting.** If water gets into the remote controller there is a risk of electrical leakage and damage to electronic components.

■Indoor Unit and Outdoor Unit

⚠WARNING	
	• **Be aware that prolonged, direct exposure to cool or warm air from the air conditioner, or to air that is too cool or too warm can be harmful to your physical condition and health.**
	• **Do not place objects, including rods, your fingers, etc., in the air inlet or outlet.** Injury may result due to contact with the air conditioner's highspeed fan blades.
	• **Contact professional personnel about attachment of accessories and be sure to use only accessories specified by the manufacturer.** If a defect results from your own workmanship, it may result in water leaks, electric shock or fire.
	• **Do not use the product in the atmosphere contaminated with oil vapor, such as cooking oil or machine oil vapor.** Oil vapor may cause crack damage, electric shocks, or fire.
	• **Do not use the product in places with excessive oily smoke, such as cooking rooms, or in places with flammable gas, corrosive gas, or metal dust.** Using the product in such places may cause fire or product failures.

Safety Precautions

⚠WARNING	
	• **Beware of fire in case of refrigerant leakage.** If the air conditioner is not operating correctly, i.e. not generating cool or warm air, refrigerant leakage could be the cause. Consult your dealer for assistance. The refrigerant within the air conditioner is safe and normally does not leak. However, in the event of a leakage, contact with a naked burner, heater or cooker may result in generation of noxious gas. Do not longer use the air conditioner until a qualified service person confirms that the leakage has been repaired.
	• **In the case of using a load breaker provided with a fuse, make sure that the capacity of the fuse is correct.** Use of an ordinary conductive wire may cause malfunctions or fire.
	• **Do not start or stop operating the air conditioner with the power supply breaker turned ON or OFF.** Otherwise, fire or water leakage may result. Furthermore, the fan will rotate abruptly if power failure compensation is enabled, which may result in injury.
	• **Be sure to earth the unit.** Do not earth the unit to a utility pipe, lightning conductor or telephone earth lead. Imperfect earthing may result in electric shocks or fire. A high surge current from lightning or other sources may cause damage to the air conditioner.
	• **When the air conditioner is malfunctioning (giving off a burning odour, etc.) turn off power to the unit and contact your local dealer.** Continued operation under such circumstances may result in a failure, electric shocks or fire hazards.
	• **Consult your local dealer regarding what to do in case of refrigerant leakage.** When the air conditioner is to be installed in a small room, it is necessary to take proper measures so that the amount of any leaked refrigerant does not exceed the concentration limit in the event of a leakage. Otherwise, this may lead to an accident due to oxygen depletion.
	• **Be sure to install an earth leakage breaker.** Failure to install an earth leakage breaker may result in electric shocks or fire.
	• **Consult the dealer if the air conditioner submerges owing to a natural disaster, such as a flood or typhoon.** Do not operate the air conditioner in that case, or otherwise a malfunction, electric shock, or fire may result.
	• **Be sure to use a dedicated power supply for the air conditioner.** The use of any other power supply may cause heat generation, fire, or product failures.

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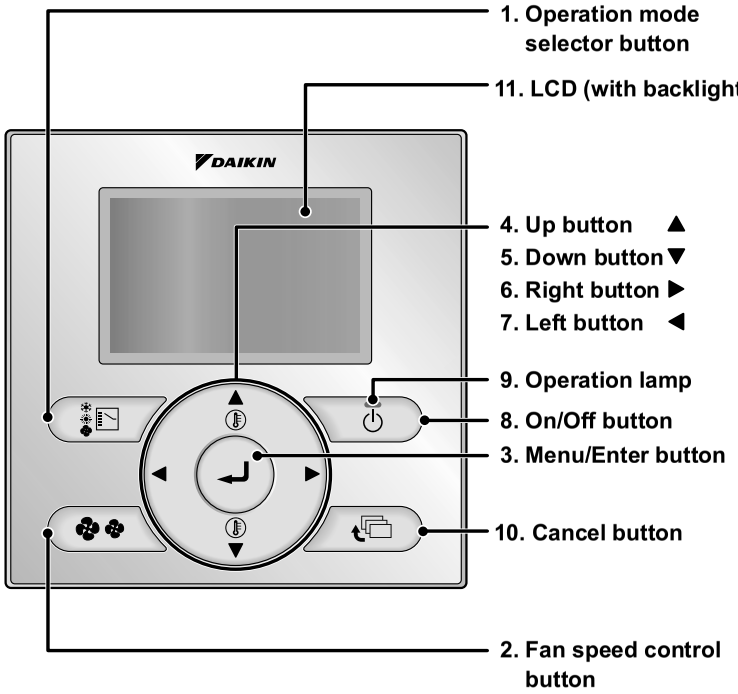
——Items to be Strictly Observed——

⚠CAUTION	
⊘	• **After prolonged use, check the unit stand and its mounts for damage.** If left in a damaged condition, the unit may fall and cause injury.
⊘	• **Do not allow a child to mount on the outdoor unit or avoid placing any object on it.** Falling or tumbling may result in injury.
⊘	• **Do not block air inlets nor outlets.** Impaired air flow may result in insufficient performance or trouble.
⊘	• **To avoid injury, do not touch the air inlet or aluminium fins of the unit.**
⊘	• **Do not remove the outdoor unit's fan guard.** The guard protects against the unit's high speed fan, which may cause injury.
⊘	• **Do not place objects that are susceptible to moisture directly beneath the indoor or outdoor units.** Under certain conditions, condensation on the main unit or refrigerant pipes, air filter dirt or drain blockage may cause dripping, resulting in fouling or failure of the object concerned.
⊘	• **Do not place water containers (flower vases, etc.) on the unit, as this may result in electric shocks or fire.**
⊘	• **Do not use the air conditioner for purposes other than those for which it is intended.** Do not use the air conditioner for cooling precision instruments, food, plants, animals or works of art as this may adversely affect the performance, quality and/or longevity of the object concerned.
⊘	• **Do not place appliances that produce naked flames in places exposed to the air flow from the unit as this may impair combustion of the burner.**
⊘	• **Do not place heaters directly below the unit, as resulting heat can cause deformation.**
⊘	• **Be sure that children, plants or animals are not exposed directly to airflow from the unit, as adverse effects may ensue.**
⊘	• **Do not put flammable containers, such as spray cans, within 1m from the blow-off mouth.** The containers may explode because the warm air output of the indoor or outdoor unit will affect them.
⊘	• **Do not install the air conditioner at any place where there is a danger of flammable gas leakage.** In the event of a gas leakage, build-up of gas near the air conditioner may result in fire hazards.

Safety Precautions

⚠CAUTION	
⊘	• **Do not sit or stand on any unstable base at the time of operating or maintaining the air conditioner.** The base may topple down and injury may result.
⊘	• **Do not touch the motor at the time of filter replacement.** The motor in operation is at high temperatures and a burn may result.
⊘	• **Do not wash the air conditioner with water, as this may result in electric shocks or fire.**
❗	• **Perform ventilation from time to time.** Be careful when using the air conditioner with other heating equipment. Insufficient ventilation may result in oxygen deficiency.
❗	• **Always stop the operation of the air conditioner and turn OFF the breaker at the time of cleaning.** Failure to do so may result in an electric shock or injury.
❗	• **Do not wash the interior of the indoor and outdoor units by yourself. Always consult your Daikin dealer.** The use of an incorrect washing method or incorrect detergent may damage the resin parts of the indoor unit or cause water leakage. Moreover, malfunctions, smoke generation, or ignition may result if the electric parts or motor in the indoor unit is wet with detergent.
❗	• **Do not place objects in direct proximity of the outdoor unit and do not let leaves and other debris accumulate around the unit.** Leaves are a hotbed for small animals which can enter the unit. Once in the unit, such animals can cause malfunctions, smoke or fire when making contact with electrical parts.
❗	• **Fix the units securely.** If the units are not mounted securely, the units may fall or topple and injury may result.
❗	• **Arrange the drain to ensure complete drainage.** If proper drainage from the outdoor drain pipe does not occur during air conditioner operation, there could be a blockage due to dirt and debris build-up in the pipe. This may result in a water leakage from the indoor unit. Under these circumstances, stop air conditioner operation and consult your dealer for assistance.

Names and Functions



Functions other than basic operation items (i.e., On/Off, Operation mode selector, Fan speed control, and temperature settings) are set from the menu screen.

NOTE

- **Do not install the remote controller in places exposed to direct sunlight. Otherwise, the LCD may become discolored and nothing may be displayed.**
- **Do not pull or twist the remote controller cord. Otherwise, the remote controller may error.**
- **Do not press the buttons on the remote controller with objects with sharp ends. Otherwise, the remote controller may receive damage or error.**

1. Operation mode selector button

- Press this button to select the operation mode of your preference. **(See page 14.)**
  * Available modes vary with the connecting model.

2. Fan speed control button

- Press this button to select the fan speed of your preference. **(See page 15.)**
  * Available fan speed vary with the connecting model.

3. Menu/Enter button

- Used to indicate the main menu. **(See page 24 for the menu items.)**
- Used to enter the setting item selected.

4. Up button ▲ (Be sure to press the part with the symbol ▲)

- Used to raise the set temperature.
- The next items on the upper side will be highlighted. (The highlighted items will be scrolled continuously when the button is kept pressed.)
- Used to change the item selected.

5. Down button ▼ (Be sure to press the part with the symbol ▼)

- Used to lower the set temperature.
- The next items on the lower side will be highlighted. (The highlighted items will be scrolled continuously when the button is kept pressed.)
- Used to change the item selected.

6. Right button ▶ (Be sure to press the part with the symbol ▶)

- Used to highlight the next items on the right-hand side.
- Each screen is scrolled in the right-hand direction.
- Home leave settings are enabled with this button kept pressed for at least four seconds. **(See page 19.)**

7. Left button ◀ (Be sure to press the part with the symbol ◀)

- Used to highlight the next items on the left-hand side.
- Each screen is scrolled in the left-hand direction.
- Home leave settings are enabled with this button kept pressed for at least four seconds. **(See page 19.)**

8. On/Off button

- Press this button and system will start.
- Press this button again and system will stop.

9. Operation lamp (Green)

- This lamp lights up during operation.
- This lamp blinks if a error occurs.

10. Cancel button

- Used to return to the previous screen.

11. LCD (with backlight)

- The backlight will be light for approximately 30 seconds by pressing any operation button. Operate buttons excluding the On/Off button while the backlight is lit.
- If two remote controllers are used to control a single indoor unit, the backlight of the remote controller operated earlier than the other one will be lit.

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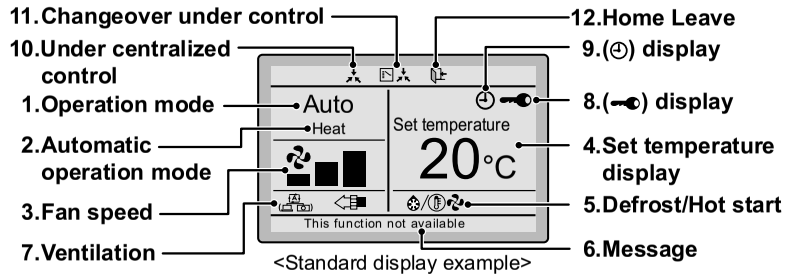
Names and Functions

Liquid Crystal Display

- Two types of liquid crystal display (LCD) are available. The standard display is by default set.
- To go to the detailed display, select the detailed display in the main menu. **(See page 46.)**
- The displayed contents of the screen vary with the operation mode of the equipment interlocked. (The following display will appear when the air conditioner is in automatic heating operation.)

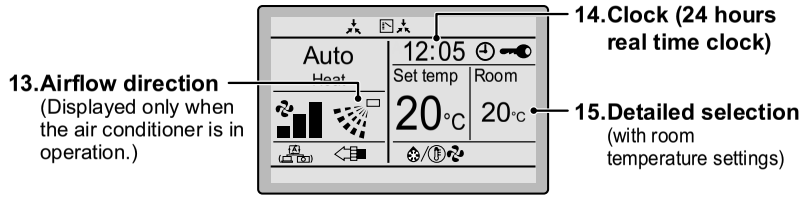
Standard display



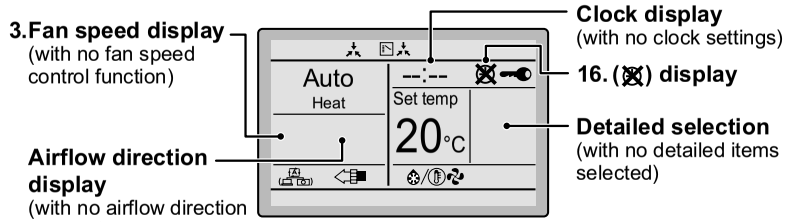
<Standard display example>

Detailed display

■ **The airflow direction, clock, and detailed selection items appear on the detailed display screen in addition to the items appearing on the standard display.**



<Detailed display example 1>



<Detailed display example 2>

1. Operation mode

- Used to display the present operation mode Cool, Heat, Vent, Fan, Dry or Auto mode.

2. Automatic operation mode

- Used to display the present automatic operation mode (Cool or Heat).

3. Fan speed

- Used to display the fan speed that is set for the air conditioner.
- The fan speed will not be displayed if the air conditioner does not have fan speed control function.

4. Set temperature display

- Used to display the temperature set for the air conditioner.

5. Defrost/Hot start "❄/🔥"

(See page 16.)

If Ventilating operation "🏠" is displayed:

- Displayed when a total heat exchanger unit, such as the Ventiair, is connected. For details, refer to the Operation Manual of the Ventiair.

6. Message

The following messages are displayed.
"This function not available."

- Displayed for a few seconds when an operation button is pressed if the indoor unit is not provided with the corresponding function.
- If a number of indoor units are in operation, the message will appear only if none of the indoor units is provided with the corresponding function, i.e., the message will not appear if at least one of the indoor units is provided with the corresponding function.

"Error: Press Menu Button."
"Warning: Press Menu Button."

- Displayed if the error or warning is detected **(see page 53)**.

"Quick Cool/Heat" (SkyAir only)

- Displayed if the quick cooling/heating function is turned ON **(see page 31).**

"Clean the filter."
"Clean the element."
"Clean the filter and element."

- Displayed when the time to clean the filter or element has come **(see page 51).**

7. Ventilation / Purifying

- Displayed when a total heat exchanger unit, such as the Ventiair, is connected.
- **Ventilation mode icon.**"🏠 ⇄ ↘" These icons indicate the current ventilation mode (HRV only) (AUTOMATIC, HEAT EXCHANGE, BYPASS).
- **AIR Purifying ICON "◁■"** This icon indicates that the air cleaning unit (option) is operational.

8. 🔑 display (See page 23.)

- Displayed when the key lock is set.

9. 🕘 display (See page 34.)

- Displayed if the schedule timer or OFF reminder timer is enabled.

10. Under Centralized control "🖧"

- Displayed if the system is under the management of central control equipment (optional accessories) and the operation of the system through the remote controller is prohibited.

11. Changeover under control "◹🖧"

(VRV only)

- Displayed on the remote controller if the remote controller has no cooling/heating selection eligibility mode **(see page 21)**.

Names and Functions

12.Home leave “ ” (See page 19.)

- The home leave icon shows the status of the home leave function.

ON	Home leave is enabled
FLASHING	Home Leave is active
OFF	Home Leave is disabled

13.Airflow direction “ ”

- Displayed when the airflow direction and swing are set **(see page 28)**.
- This item is not displayed if the system is not provided with a function to set airflow directions.

14.Clock (24 hours real time clock)

- Displayed if the clock is set **(see page 48)**.
- If the clock is not set, “ -- : -- ” will be displayed.

15.Detailed selection

- Displayed if the detailed display items are selected **(see page 47)**.
- No detailed items are by default selected.

16. display

- Displayed to inform that the clock needs setting again.
- The schedule timer function will not work unless the clock is set again.

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Basic Operation Method (Use of Direct Buttons)

Cool/Heat/Auto/Fan Operation (SkyAir and VRV)

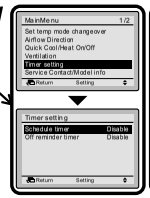
Remote Controller Functions

Operation procedure
Explains a button operation procedure for the remote controller. Operate the buttons according to the procedure.

Operation button display
Displays the positions of buttons to be operated.

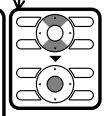
Operation Method

Operation screen display
Describes screens that will be displayed on the remote controller in operation.



- Displays the main menu screen. (See page 26.)
- Press ▼▲ buttons to select **Timer setting** on the main menu screen. Press Menu/Enter button to display the timer settings screen.

* Items presently enabled or disabled are displayed.

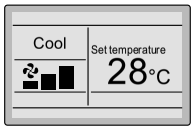


Preparation

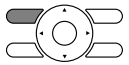
- For mechanical protection purposes, turn ON the system at least six hours before starting the operation of the system.
- Do not turn OFF the system in season in order to ensure the smooth starting of the system.

Operation Method

1



- Press Operation Mode Selector button several times until the desired mode Cooling, Heating, Fan, or Auto mode is selected.

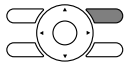


* Unavailable operation modes are not displayed.
* Only the Cooling or Fan mode can be selected if the air conditioner is a cooling-only model.
* The Auto mode can be set in the case of the VRV cooling/heating simultaneous operation system.
* Changeover under control will appear on each remote controller, but only the Cooling or Fan mode can be set in the case of the VRV cooling-only system.

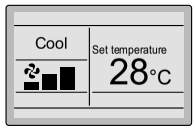
Note
- Before making a mode change, make sure that Changeover under control is not displayed on the remote controller. The cooling or heating mode cannot be selected if the above is displayed on the remote controller. See page 21 if Changeover under control display blinks.

2

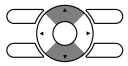
- Press On/Off button. The Operation lamp (green) will be lit and the system will start operating.



3

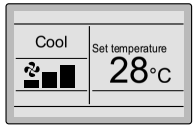


- The set temperature will increase by 1°C when ▲ button is pressed and decrease by 1°C when ▼ button is pressed.

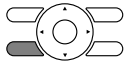


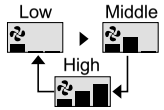
* No temperature settings are possible while in fan mode.

4



- To make fan speed control, press Fan speed control button and select the desired fan speed from Low, Middle or High.





* Two fan speed adjustment levels Low, High may be available depending on the type of indoor unit.
* The system may be in automatic fan speed control for mechanical protection purposes.
* The system may be in automatic fan speed control according to the room temperature. The fan may stop operating, which, however, is not a failure.
* The completion of fan speed selection may take time, which, however, is not a failure.

5

- Make airflow direction settings from the main menu (see page 28).

* The airflow direction of the system cannot be changed unless the system is provided with a function to allow airflow direction changes.

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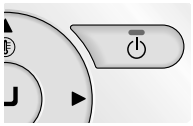
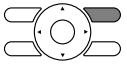
Basic Operation Method (Use of Direct Buttons)

6 

● The Operation lamp will be turned OFF and the system will stop operating when On/Off button is pressed again.



* While the system is in heating operation, the system will be in fan operation for approximately one minute in order to eliminate the heat in the indoor unit after the heating operation comes to a stop.

Note

● Do not turn power OFF soon after the system stops operating. Be sure to wait for at least five minutes so that the drain discharging device will finish discharging the residual drain. Otherwise, water leakage or failures may result.

Characteristics of Heating Operation

Starting operation

● The system in heating operation generally requires a long time to attain the set temperature compared with the system in cooling operation.
It is recommended to start operating the system in advance by utilizing the timer.

Perform the following operation of the system in order to prevent the degradation of the heating capability or cold winds from blowing out.

Defrosting operation

● The heating capability of the system will drop if the outdoor unit frosts up. Therefore, the system will go into defrosting operation automatically.
● The system will stop blowing out hot air, and " ❄/🔥 " (Defrost/Hot start) will be displayed on the remote controller.
● The system will return to normal operation with an elapse of approximately six to eight minutes (but not more than 10 minutes).

Hot start (VRV only)

● When the system goes into heating operation, the wind will stop in order to prevent cold air from blowing out of the system in defrosting operation.
(In that case, " ❄/🔥 " (Defrost/Hot start) will be displayed on the remote controller.)

Outdoor temperature and heating capability

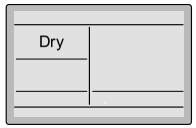
● The heating capability of the system will drop with a decrease in outdoor temperature.
If that happens, use the system along with another heating appliance. (In the above case, be sure to ventilate the room as frequently as possible.)
Do not use the heating appliance in places where the heating appliance is exposed to the wind from the system.
● The system is of hot air circulation type. Therefore, it takes some time for the room to become warm after the system starts operating.
The indoor fan will automatically go into breezing operation until the inner temperature of the system rises to a certain level.
● If the hot air stays around the ceiling and your feet feel cold, the use of a circulator is recommended.
For details, consult your Daikin dealer.

Program Dry Operation

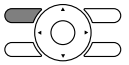
Preparation

● For mechanical protection purposes, turn ON the system at least six hours before starting the operation of the system.
● Do not turn OFF the system in season in order to ensure the smooth starting of the system.
● The dry mode may not be selected if the remote controller has no right to select cooling/heating mode (see page 22 for details).

Operation Method

1 

● Press Operation Mode Selector button several times until the Dry operation is selected.



* The dry operation may not be available depending on the type of indoor unit.

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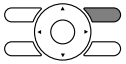
Basic Operation Method (Use of Direct Buttons)

2

● Press On/Off button.
The Operation lamp (green) will be lit and the system will start operating.



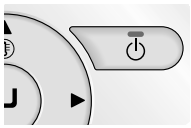
* The microcomputer is in automatic temperature and fan speed control. Therefore, temperature or fan speed settings cannot be made or changed while the air conditioner is in operation.

3

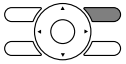
● Make airflow direction settings from the main menu
(see page 28).

* The airflow direction of the system cannot be changed unless the system is provided with a function to allow airflow direction changes.

4



● The Operation lamp will be turned OFF and the system will stop operating when On/Off button is pressed again.

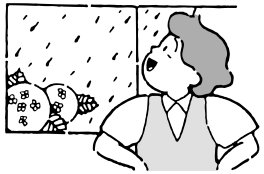


Note
● Do not turn power OFF soon after the system stops operating. Be sure to wait for at least five minutes so that the drain discharging device will finish discharging the residual drain. Otherwise, water leakage or failures may result.

Operation Contents

Program Dry

The Program dry function of the system repeats the weak cooling operation of the system intermittently to dehumidify the room without dropping the room temperature as much as possible for the prevention of excessive cooling.



Program Dry Operation

● The microcomputer is in automatic temperature and fan speed control. Therefore, temperature or fan speed settings cannot be made or changed while the air conditioner is in operation.

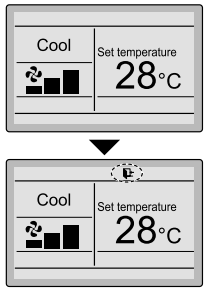
Home Leave

Home Leave is a feature that enables to keep the room temperature above 10°C when the occupants are out.

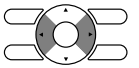
Note
● This function will switch on heating if the installation is switched off.

Operation Method The home leave can not be enabled when a centralized control is connected.

1



● Press and hold the "▶" or "◀" button for at least four seconds. (During backlight lit)



● The Home Leave icon displays and function is enabled.

The Home Leave icon shows the status of the home leave function.

ON	Home leave is enabled
FLASHING	Home leave is active
OFF	Home leave is disabled

● To cancel the home leave mode, continue pressing "▶" or "◀" button for at least four seconds. (During backlight lit)

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Basic Operation Method (Use of Direct Buttons)

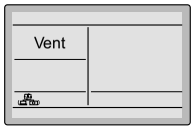
Ventilation Operation When Air Conditioner Interlocked with Total Heat Exchanger

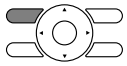
Preparation

- For mechanical protection purposes, turn ON the system at least six hours before starting the operation of the system.
- Do not turn OFF the system in season in order to ensure the smooth starting of the system.

Operation Method

1





- Set the Operation mode selector button to Ventilation in the case of operating the total heat exchanger without the system between seasons.

2

- To change the ventilation mode setting, make necessary settings from the main menu (see page 33).

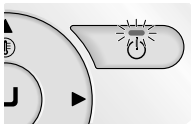
* Ventilation mode: Automatic, Heat exchange, and Bypass

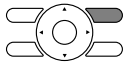
3

- To change the ventilation rate, make necessary settings from the main menu (see page 32).

* Ventilation rate: Low or High

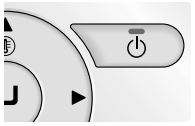
4

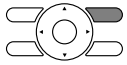




- Press On/Off button.
  The Operation lamp (green) will be lit and the system will start operating.

5





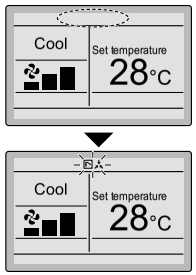
- The Operation lamp will be turned OFF and the system will stop operating when On/Off button is pressed again.

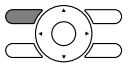
Setting Method of the Cooling/Heating Selection Eligibility

(VRV only)

Setting Changes See page 22 for an explanation of the cooling/heating selection eligibility.

1





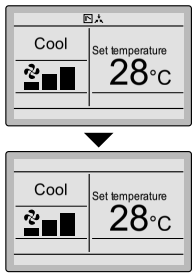
- Continue pressing Operation Mode Selector button of the remote controller for at least four seconds. (During backlight lit)
  A remote controller will not display "⊡⅄" (Changeover under control) if a cooling/heating selection eligibility is granted to the remote controller.
- The display "⊡⅄" (Changeover under control) on each remote controller connected to the same outdoor unit or BS unit will start blinking.

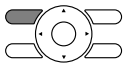
* Vent mode setting changes are possible regardless of the cooling/heating selection eligibility.
* If a cooling/heating selection eligibility is set in the cooling/heating selection remote controller (★), all the remote controllers will display "⊡⅄" (Changeover under control). In this case, no cooling/heating selection eligibility can be set in the remote controllers.
★Refer to the operation manual provided to the outdoor unit for the details of the cooling/heating selection remote controller.

- Set a cooling/heating selection eligibility as explained below.

Selection Settings The display "⊡⅄" (Changeover under control) will blink when the power is turned ON for the first time.

2





- Press Operation Mode Selector button of the remote controller for which the selection eligibility to be set.
  Then the cooling/heating selection eligibility will be set and the display "⊡⅄" (Changeover under control) will disappear.
  The display "⊡⅄" (Changeover under control) will appear on the other remote controllers.

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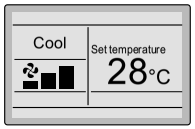
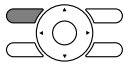
Basic Operation Method (Use of Direct Buttons)

Operation Selection

3





- Press the remote controller that has the cooling/heating selection eligibility (or the remote controller without the display "⛶" (Changeover under control)) several times until the desired mode is selected. The display will change to "Fan", "Dry", "Auto", "Cool", "Heat" each time the button is pressed.
- The display "Auto" will appear for the heating/cooling simultaneous operation system only.
  At that time, the other remote controllers with no selection right will follow suit and change the display automatically.

Cool/Heat Selection Eligibility

- The "Cool", "Heat", "Auto" can be set for only the remote controller for which the cooling/heating selection eligibility is set.
  (The display "Auto" will appear for the heating/cooling simultaneous operation system only.)

1. The remote controller with the selection eligibility (without "⛶") (Changeover under control) displayed) → Set to "Cool", "Heat", "Dry", "Auto" mode. → Other remote controllers (with "⛶") (Changeover under control) displayed)

- The system will go into the mode set in the remote controller. No other modes are available.
- The system, however, can be switched to fan mode or from "Cool" to "Dry".

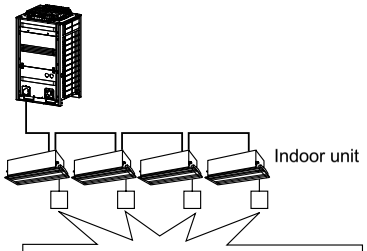
2. The remote controller with the selection eligibility (without "⛶") (Changeover under control) displayed) → Set to "Fan" mode. → Other remote controllers (with "⛶") (Changeover under control) displayed)

- The system cannot be set to other modes except fan mode.

Precautions for Setting Cooling/Heating Selection Eligibility

- The cooling/heating selection eligibility needs to be set for a single remote controller in the following case.

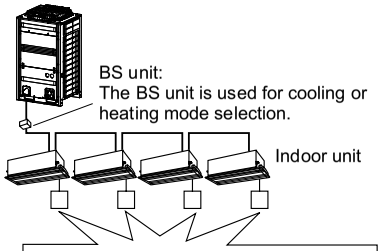
(Cooling/Heating selected operation system)



A number of indoor units are connected to a single outdoor unit.

Set the cooling/heating/fan selection eligibility in one of the remote controllers.

(Cooling/Heating simultaneous operation system)



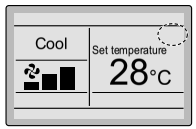
A single BS unit is connected to a number of indoor units.

Set the cooling/heating/auto/fan selection eligibility in one of the remote controllers.

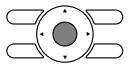
Key Lock

Operation Method Make settings and cancel settings in the basic screen.

1

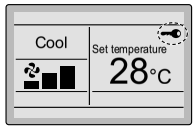


Basic screen



- Continue pressing Menu/Enter button for at least four seconds. (During backlight lit)

2



- "🔧" will appear.
  All buttons are disabled when the keys are locked.
- To cancel the key lock mode, continue pressing Menu/Enter button for at least four seconds. (During backlight lit)

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Quick Reference of Main Menu Items

■The main menu has the following items.

Setting and display items		Description	Reference page
Set temp mode changeover		Select normal set temperature or limit control.	27
Airflow direction setting		**Used to make airflow direction settings.** ● The airflow direction blade are automatically operated up and down (left and right). ● The fixed airflow directions are set to five positions. * This function is not available to all models.	28
Quick Cooling/Heating On/Off (SkyAir only)		**Used to set the room to a conformable temperature quickly (unless the system is not in program dry or fan operation).** ● The maximum quick cooling/heating operation period is 30 minutes.	31
Ventilation (Ventilation operation settings for total heat exchanger)	**Ventilation rate**	Used to set to “Low” “High”	32
	Ventilation mode	Used to set Automatic, Heat exchange, and Bypass.	33
Timer setting	**Schedule timer**	● Operation start time and stop time can be set according to the day of the week. Either one of the following operation modes can be selected. • Operation at set temperature: Normal operation • Operation within set temperature range (between max. and min. temperatures): Limit operation Up to 5 actions can be set for each day. ● Convenient holiday settings and temporary closure settings are possible. * Clock settings are necessary. * The system goes into schedule timer operation in the previous mode set for the system.	35
	Off reminder timer	**Used to set each operation period of the system.** ● Possible to set in 10 minute units from 30 to 180 minutes.	42
Service Contact/Model Information		Used to display the service contact and model information.	44

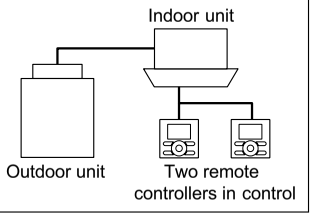
Setting and display items		Description	Reference page
Convenient functions	**Contrast adjustment**	Used to make LCD contrast adjustment.	45
	Display changeover Standard or detailed display	**Used to set to standard or detailed display mode.** ● Display Standard or detailed display ● Detailed display settings Selectable from the display room temperature, outdoor temperature, system, or without any display items.	46
Setting status list		● Used to display a list of current settings for available items.	48
Clock setting		**Used to make date and time settings and corrections.** ● The clock is in 24 hours real time clock. ● The accuracy of the clock is within ±30 seconds per month. ● If there is a power failure for a period not exceeding 48 hours, the clock will continue working with the built-in backup power supply. The clock needs settings again if the power failure period exceeds 48 hours.	48
Language changeover		The displayed language can be selected from the following language. (English/Deutsch/ Français/Español/Italiano/Ελληνικά/ Nederlands/Portugues/Русский/Türkçe)	50

Note: Available setting items vary with the model connected.
Only the available setting items appear in the menu.

Menu Items of Sub Remote Controller

If two remote controllers are in control of a single indoor unit, the following menu items are not set in the sub remote controller. Set them in the main remote controller.

- Set temp mode changeover
- Schedule timer
- Off reminder timer
- Home leave



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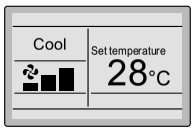
Menu Manipulation

Manipulating the Main Menu Screen

■Display Method for Main Menu

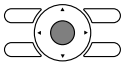
Operation Method

1

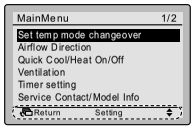


Basic screen

● Press Menu/Enter button.



2



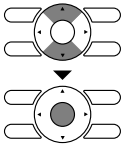
Main menu screen

● The main menu screen will appear.

⇦ Instructions for manipulating the buttons will appear.

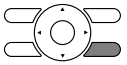
3

● Selecting items from the main menu.
1. Press ▼▲ buttons to select the desired item to be set.
2. Press Menu/Enter button to display the selected settings screen.



4

● To go back to the basic screen from the main menu screen, press the Cancel button.



Caution

● While setting items, if a button is not pressed for 5 minutes, the screen will automatically go back to the basic screen.

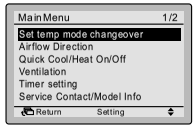
Set temp mode changeover

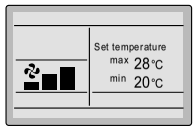
■Limit Operation

Limit operation provides thermostat control within the range of the set minimum and maximum temperature. The minimum temperature setting will trigger heating. The maximum temperature setting will trigger cooling.

Operation Method The limit operation can not be enabled when a centralized control is connected.

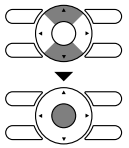
1





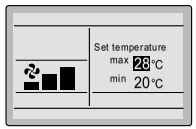
Basic screen

● Display the main menu screen. (See page 26.)
● Press ▼▲ buttons to select “Set temp mode changeover” on the main menu screen.
● Pressing Menu/Enter button takes you back to the basic screen, and the set temperature is displayed in max °C min °C. (Limit Operation)

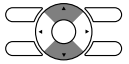


*To return to the normal set temperature screen, use “Set temp mode changeover” in the Main Menu again.

2

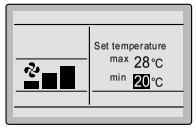


● To change the set temperature, press ▼▲ buttons.
The set temperature is highlighted and ready to be changed.
● The set temperature will increase by 1°C when the ▲ button is pressed and decrease by 1°C when the ▼ button is pressed.

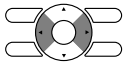


Note
● The difference between the maximum and minimum temperatures cannot be set to less than 6°C.
(* Maximum temperature – Minimum temperature ≥ 6°C)

3



● Pressing ◀▶ buttons switches the variable set temperature between max. and min.



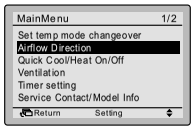
Menu Manipulation

Airflow Direction Setting

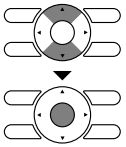
■Manipulating Airflow Direction Setting

Operation Method

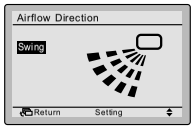
1



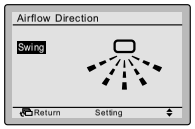
- Display the main menu screen.
  (See page 26.)
- Press ▼▲ buttons to select **Airflow Direction** on the main menu screen and press the Menu/Enter button.
  (For models with no airflow direction adjustment, **Airflow Direction** will not be displayed on the main menu screen.)



2



Airflow direction setting (up/down)



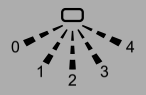
Airflow direction setting (left/right)

- The airflow direction setting screen will appear.

Note

- Airflow direction appears on the screen as below.

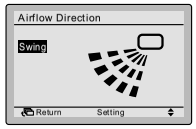
Up/down direction



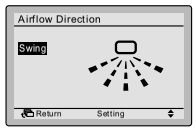
Left/right direction

0 : Position 0
1 : Position 1
2 : Position 2
3 : Position 3
4 : Position 4

3

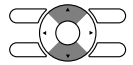


Up/down direction

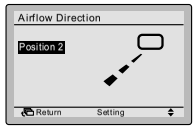


Left/right direction

- Pressing ▼▲ buttons changes the setting to (in order) **Swing**, **Position 0**, **Position 1**, **Position 2**, **Position 3**, and **Position 4**.
- Selecting **Swing** will cause the airflow direction blades to swing back and forth.
  For the swing setting only, all positions will be displayed.



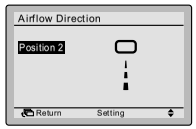
4



Up/down direction

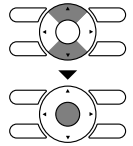
- When you select one of positions 0 to 4, the airflow direction blades stay in a fixed position.

  * The illustration is a display when position 2 is selected.



Left/right direction

- Press ▼▲ buttons to select the desired airflow direction.
  Press Menu/Enter button to return to the basic screen.



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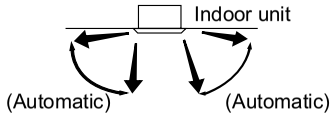
Menu Manipulation

Operational Details and Functions

There are two types of airflow direction setting.

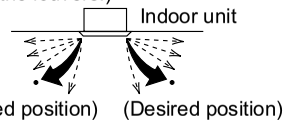
Airflow direction swing

The airflow direction blades automatically swing up and down.



Airflow direction

You can select from one of five fixed directions. (This has no relation to the angle of the louvers.)



Movement of airflow direction blades

Under the operation conditions shown below, airflow direction is controlled automatically. Actual operation may thus be different than what is displayed on the remote controller.

Operation condition	● Room temperature is higher than the remote controller's set temperature (in heating mode). ● When defrosting (in heating mode). (The airflow is blowing horizontally so that people in the room are not in direct line of the cold air.) ● Under continuous operation with the airflow blowing horizontally.

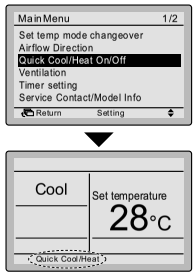
Heating mode includes automatic operation.

Quick Cooling/Heating On/Off

■Quick Cooling/Heating On

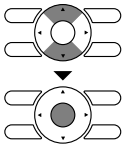
Operation Method

1



● While operating in Cooling, Heating, or Auto mode, display the main menu screen (see page 26).

● Press ▼▲ buttons to select Quick Cool/Heat On/Off on the main menu screen.
Press Menu/Enter button to return to the basic screen.

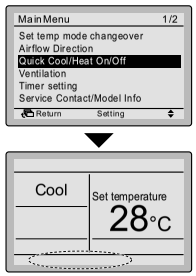


● Quick Cooling/Heating will appear on the basic screen.
Quick Cooling/Heating is now on.

■Quick Cooling/Heating Off

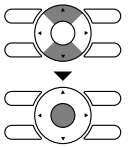
Operation Method

2



● While Quick Cooling/Heating is displayed on the basic screen, display the main menu screen (see page 26).

● Press ▼▲ buttons to select Quick Cool/Heat On/Off on the main menu screen.
Press Menu/Enter button to return to the basic screen.



● Quick Cooling/Heating will no longer appear on the basic screen.

● Quick Cooling/Heating is now off.

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Menu Manipulation

Quick Cooling/Heating

Quick Cooling/Heating The indoor unit is automatically controlled, increasing the power of the outdoor unit and quickly bringing the room to a comfortable temperature.

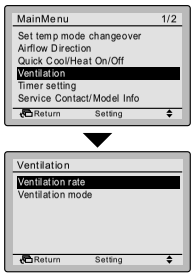
- Fan speed display goes off and fan speed can no longer be switched.
- Cannot be set when in fan and dry modes.
- Quick Cooling/Heating mode will run for a maximum of 30 minutes before the unit automatically returns to normal operation.
- Activating mode selector will return the air conditioner to normal operation.
- In heating mode, fan speed may increase and the wind temperature may decrease. Adjust the operation as desired.

Ventilation

■Display method for ventilation settings screen

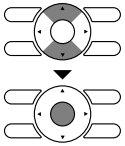
Operation Method

1



- Display the main menu screen. (See page 26.)
- Press ▼▲ buttons to select **Ventilation** on the main menu screen. (For models with no ventilation function, **Ventilation** will not be displayed on the main menu screen.)

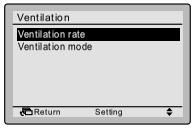
Press Menu/Enter button to display the ventilation settings screen.



■Changing the ventilation rate

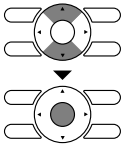
Operation Method

1

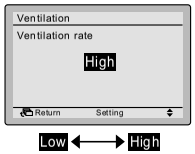


- Bring up the ventilation settings screen (see above).
- Press ▼▲ buttons to select **Ventilation rate** on the ventilation settings screen.

Press Menu/Enter button to display the ventilation rate settings screen.

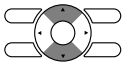


2



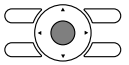
- Pressing ▼▲ buttons changes the setting to in order **Low** and **High**.

* Only modes that can be set are displayed.



3

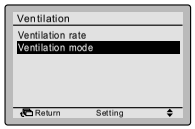
- Selecting the desired ventilation rate and pressing Menu/Enter button selects the setting and takes you back to the basic screen.
(Pressing Cancel button takes you back to the previous screen without changing the ventilation rate.)



■Changing ventilation mode

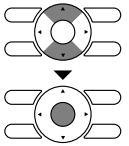
Operation Method

1

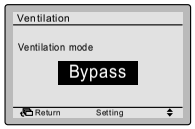


- Display the ventilation settings screen. (See page 32.)
- Press ▼▲ buttons to select **Ventilation mode** on the ventilation settings screen.

Press Menu/Enter button to display the ventilation mode settings screen.



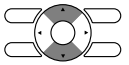
2



- Pressing ▼▲ buttons changes the settings in order as shown below.

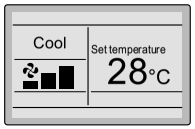
Bypass ◆▶ **Heat exchange** ◆▶ **Automatic**

* Only modes that can be set are displayed.

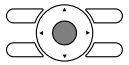


Menu Manipulation

3



- Selecting the desired ventilation mode and pressing Menu/Enter button enters the settings and takes you back to the basic screen.
  (Pressing the Cancel button takes you back to the previous screen without changing the ventilation mode.)



Ventilation Mode

Automatic mode Using information from the air conditioner (cooling, heating, fan, and set temperature) and the total heat exchanger unit (indoor and outdoor temperatures), mode is automatically changed between Heat exchanger and Bypass.

Heat exchange mode Outside air undergoes Heat exchange and is supplied to inside the room.

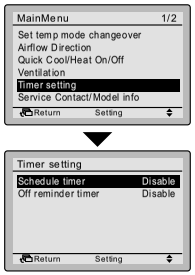
Bypass mode Outside air is supplied to inside the room without undergoing heat exchange.

Timer Settings

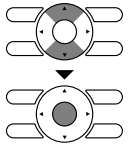
■Display method for timer settings screen

Operation Method

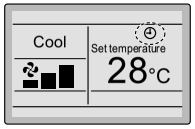
1



- Display the main menu screen.
  (See page 26.)
- Press ▼▲ buttons to select **Timer setting** on the main menu screen.
  Press Menu/Enter button to display the timer settings screen.



* Currently enabled/disabled is displayed.



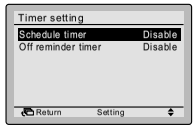
- When either schedule timer or off reminder timer is enabled, ⏲ appears on the basic screen.

■Setting the schedule timer

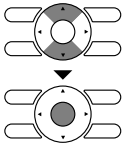
Display method for the schedule timer settings screen

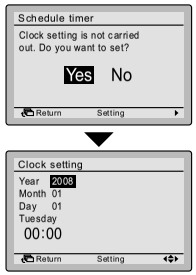
Operation Method The schedule timer can not be enabled when a centralized control is connected.

1

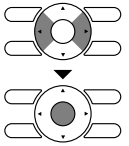


- Bring up the timer settings screen.
  (See page 34.)
- Press ▼▲ buttons to select the **Schedule timer** on the timer settings screen.
  Press Menu/Enter button to display the schedule timer settings screen.

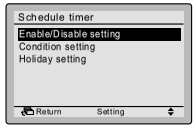




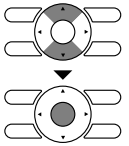
- Before setting the schedule timer, the clock must be set.
- If the clock has not been set, a screen like the one on the left will appear.
  Press ◀▶ buttons to select **Yes** and press Menu/Enter button.
  Set the current year, month, day, and time.
  (See clock settings on page 48.)



2



- Press ▼▲ buttons to select the desired setting items on the schedule timer settings screen and press Menu/Enter button.



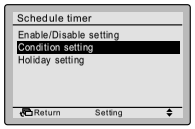
Menu Manipulation

■Schedule timer

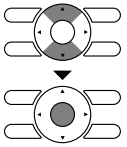
Condition setting

Operation Method

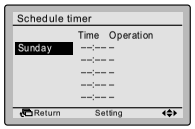
1



- Display the schedule timer settings screen. (See page 35.)
- Press ▼▲ buttons to select Condition setting on the schedule timer settings screen.
  Press Menu/Enter button to display the condition setting screen.

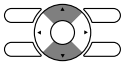


2

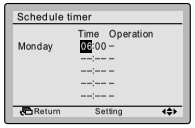


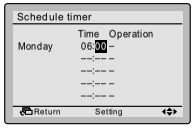
- Press ▼▲ buttons to select the day to be set on the condition setting screen.
- Input the program for the selected day next.

  The schedule timer can accept a maximum of 5 operations per day.

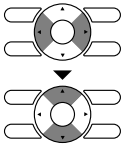


3

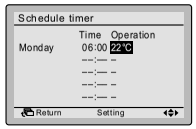




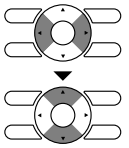
- Press ◀▶ buttons to move the highlighted item and press ▼▲ buttons to input the desired operation start time.
  Each press of ▼▲ buttons moves the numbers by 1 hour or 1 minute.
  Holding down the button causes the number to change continuously.



4



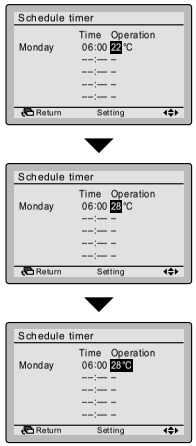
- Press ◀▶ buttons to move the highlighted item and press ▼▲ buttons to select the desired operation.



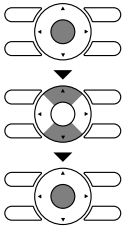
The following three types of operations are available.
*1. switch on the installation at a scheduled time, in combination with a set point (exact temperature control)
*2. switch on the installation at a scheduled time, in limit operation
*3. switch off the installation (end of control)
* The status remain unchanged in the case of "–".

The display changes in sequence as shown below when ▼▲ buttons are pressed.

- To make an operation change at set temperature, press ◀▶ buttons to move the highlighted item and press ▼▲ buttons to set the operation to 22°C.

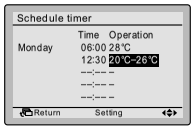


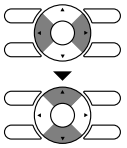
- To change the set temperature, press the Menu/Enter button so that the set temperature will be highlighted and ready to be changed.
- Press ▼▲ buttons to change the set temperature.
  The set temperature will increase by 1°C when the ▲ button is pressed and decrease by 1°C when the ▼ button is pressed.
- Pressing Menu/Enter button enters the set temperature change.



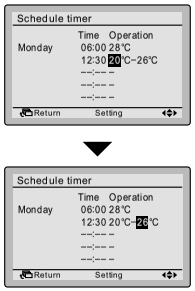
Menu Manipulation

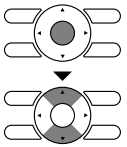
5



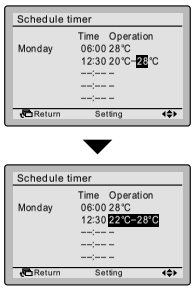


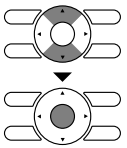
- To make limit operation settings, press ◀▶ buttons to move the highlighted item and press ▼▲ buttons to input the desired set time.
- Press ◀▶ buttons to move the highlighted item and press ▼▲ buttons to set the operation to **20°C - 26°C** .





- To change the maximum and minimum temperatures, press the Menu/Enter button so that the temperatures will be ready to be changed.
- Press ◀▶ buttons to select the desired temperature to be changed.



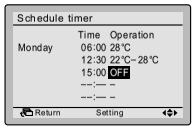


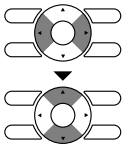
- Press ▼▲ buttons to change the set temperature.
  The set temperature will increase by 1°C when the ▲ button is pressed and decrease by 1°C when the ▼ button is pressed.

Note
- The difference between the maximum and minimum temperatures cannot be set to less than 6°C.
  (* Maximum temperature – Minimum temperature ≥ 6°C)

- Pressing Menu/Enter button enters the set temperature change.

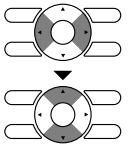
6





- To make operation stop settings, press ◀▶ buttons to move the highlighted item and press ▼▲ buttons to input the desired operation stop time.
- Press ◀▶ buttons to move the highlighted item and press ▼▲ buttons to turn **OFF** the operation.

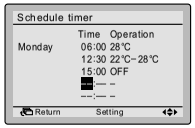
7

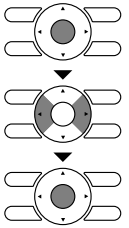


- To set a different day of the week, press ◀▶ buttons to highlight the day presently set.
- Press ▼▲ buttons to change the day and input the program in the same manner.

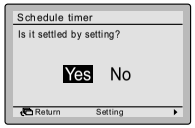
* To copy the settings for the previous day, select the operation mode selector button so that the settings will be copied as they are.
Example: The contents for Monday are copied by pressing the operation mode selector button after selecting Tuesday.

8





- When the entire day settings are completed, highlight the items other than the operation and press the Menu/Enter button.
  The settings confirmation screen will appear.



- Press ◀▶ button to select **Yes** on the settings confirmation screen.
  Pressing Menu/Enter button enters the schedule timer settings and takes you back to the basic screen.

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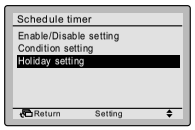
Menu Manipulation

Holiday setting

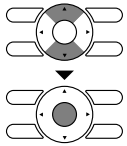
(The schedule timer will be disabled for days that have been set as holiday.)

Operation Method

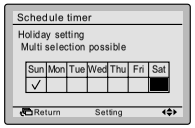
1



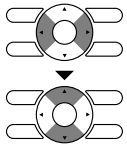
- Bring up the schedule timer settings screen. (See page 35.)
- Press ▼▲ buttons to select **Holiday setting** on the schedule timer settings screen.
  Press Menu/Enter button to display the holiday settings screen.



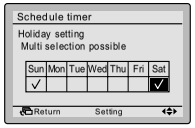
2



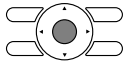
- Press ◀▶ buttons to select the desired day.
  Press ▼▲ buttons to display "✓" to make the holiday settings.
  Pressing ▼▲ buttons switches the setting between set and release.
  Multiple days can be selected as holidays.
  Note: To able the schedule timer for the day selected as a holiday, the holiday setting must be released.



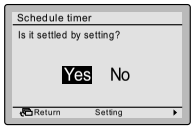
3



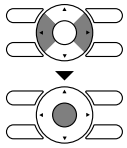
- To complete the holiday settings, press Menu/Enter button.
  The settings confirmation screen will appear.

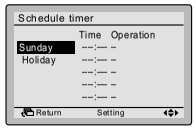


4



- Press ◀▶ button to select **Yes** on the settings confirmation screen.
  Pressing Menu/Enter button enters the holiday settings and takes you back to the schedule timer settings screen.



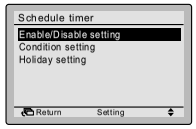


- Holiday that are set will be displayed on the condition settings screen.

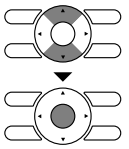
Enabling or disabling the schedule timer without changing the set day or time

Operation Method

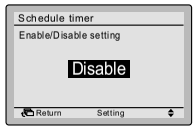
1



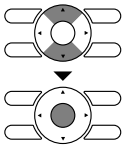
- Bring up the schedule timer settings screen. (See page 35.)
- Press ▼▲ buttons to select **Enable/Disable setting** on the schedule timer settings screen.
  Press Menu/Enter button to display the enable/disable settings screen.



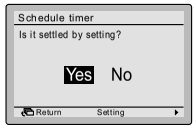
2



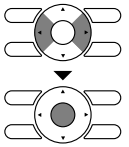
- Press ▼▲ buttons to select **Enable** or **Disable** on the enable/disable settings screen.
  Press Menu/Enter button after selecting the item. Then the settings confirmation screen will appear.



3



- Press ◀▶ button to select **Yes** on the settings confirmation screen.
  Pressing Menu/Enter button enters the enable/disable settings for the schedule timer and takes you back to the basic screen.



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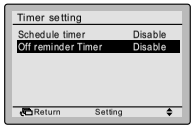
Menu Manipulation

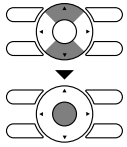
■Making and checking the off reminder timer settings

Operation Method

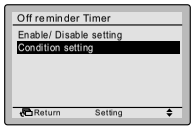
1



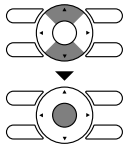
- Bring up the timer settings screen. (See page 34.)
- Press ▼▲ buttons to select the **Off reminder timer** on the timer settings screen.
  Press Menu/Enter button to display the off reminder timer settings screen.



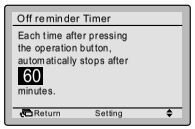
2



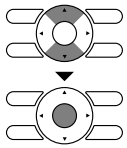
- Press ▼▲ buttons to select **Condition setting** on the off reminder timer settings screen.
  Press Menu/Enter button to display the condition settings screen.



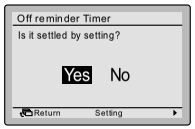
3



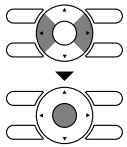
- Use ▼▲ buttons to set the time from operation start until the unit automatically stops.
  Selections can be made in increments of 10 minutes from 30 to 180 minutes.
  Holding down the button causes the number to change continuously.
- Select the desired time and press Menu/ Enter button.
  The settings confirmation screen will appear.



4



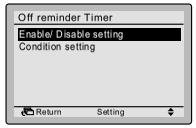
- Press ◀▶ button to select **Yes** on the settings confirmation screen.
  Pressing Menu/Enter button enters the off reminder timer settings and takes you back to the basic screen.



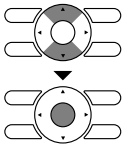
Enabling or disabling the off reminder timer without changing the set time

Operation Method

1

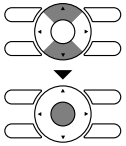


- Bring up the off reminder timer settings screen. (See page 42.)
- Press ▼▲ buttons to select **Enable/Disable setting** on the off reminder timer settings screen.
  Press Menu/Enter button to display the enable/disable settings screen.

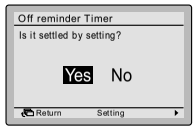


2

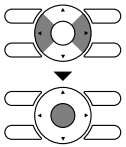
- Press ▼▲ buttons to select **Enable** or **Disable** on the enable/disable settings screen.
  Press Menu/Enter button after selecting the item. Then the settings confirmation screen will appear.



3



- Press ◀▶ button to select **Yes** on the settings confirmation screen.
  Pressing Menu/Enter button enters the enable/disable settings for the off reminder timer settings and takes you back to the basic screen.



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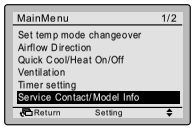
Menu Manipulation

Service Contact/Model Information

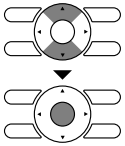
■Display method for service contact and model information

Operation Method

1



- Display the main menu screen.
  (See page 26.)
- Press ▼▲ buttons to select **Service Contact/Model Info** on the main menu screen and press Menu/Enter button.

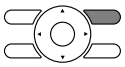


2

- The phone number for the contact address will appear at the top of the screen.
  (If you have not yet registered your product, it will not appear.)
- The model information of the indoor and outdoor units of your product will appear on the bottom of the screen.
  (For some models the product code may appear.)

* The model name will not appear if you have had the circuit board replaced.

* The error code record may also appear.
If it is not blinking, the unit is working properly.
The error code record will disappear if you press On/Off button for more than 4 seconds.

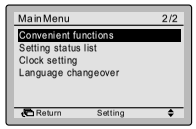


Convenient Functions

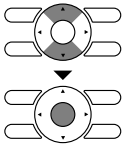
■Contrast Adjustment

Operation Method

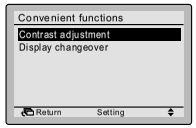
1



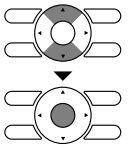
- Display the main menu screen.
  (See page 26.)
- Press ▼▲ buttons to select **Convenient functions** on the main menu screen.
  Press Menu/Enter button to display the convenient functions settings screen.



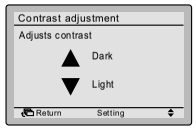
2



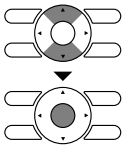
- Bring up the convenient functions settings screen.
- Press ▼▲ buttons to select **Contrast adjustment** on the convenient functions settings screen.
  Press Menu/Enter button to display the contrast adjustment settings screen.



3



- On the contrast adjustment settings screen press ▼▲ buttons until you reach the desired contrast.
  After setting, press Menu/Enter button and return to the basic screen.



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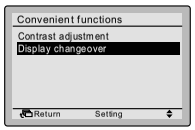
Menu Manipulation

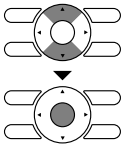
■Display chageover Display selection

Operation Method

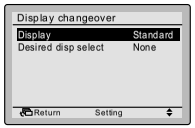
1



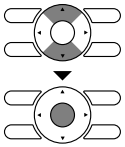
- Bring up the convenient functions settings screen. (See page 45.)
- Press ▼▲ buttons to select **Display chageover** on the convenient functions settings screen.
  Press Menu/Enter button to display the display selection settings screen.



2



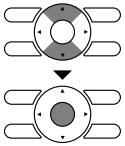
- Press ▼▲ buttons to select **Display** on the convenient functions settings screen.
  Press Menu/Enter button to display the display settings screen.



3

- Press ▼▲ buttons to select **Standard** or **Details** on the display settings screen.
- Then, press Menu/Enter button to confirm settings and return to the basic screen.

* Refer to **Setting the detailed display selection** to change detailed display selection. (See page 47.)

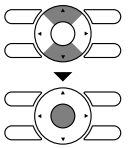


Setting the detailed display selection

Operation Method

1

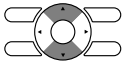
- Bring up the display selection settings screen. (See page 46.)
- Press ▼▲ buttons to select **Desired disp select** on the convenient functions settings screen.
  Press Menu/Enter button to display the detailed display selection screen.



2

- Pressing ▼▲ buttons displays the following.

None ◂▸ ***Outdoor temperature**
***System** ◂▸ **Room temperature**



* Some models may not display these items even if they are selected.

- Be sure to read the following notes regarding display of room temperature and outdoor temperature.

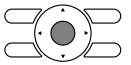
Room temperature

..... An estimate of the temperature near the remote controller.
The temperature that is detected may be affected by the location of the unit.

Outdoor temperature

..... An estimate of the temperature near the outdoor unit.
The temperature that is detected may be affected by factors such as the location of the unit (if it is in direct sunlight, for e.g.) and unit operation during defrosting.

- After setting, press Menu/Enter button to confirm settings and return to the basic screen.



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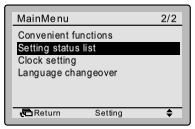
Menu Manipulation

Setting Status List

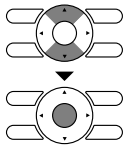
■Manipulating the setting status list

Operation Method

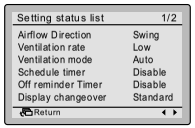
1



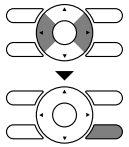
- Display the main menu screen. (See page 26.)
- Press ▼▲ buttons to select Setting status list on the main menu screen and press Menu/Enter button.



2



- A list showing the current setting status will appear.
  Press ◀▶ buttons to go to the next item.
- Pressing Cancel button takes you back to the main menu screen.



Display items

Airflow direction	Off reminder timer
Ventilation rate	Quick Cool/Heat
Ventilation mode	Display changeover
Schedule timer	Desired disp select

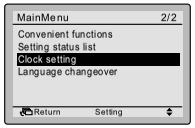
*Display items may differ depending on the model. Only the items that can be set are displayed.

Clock Setting

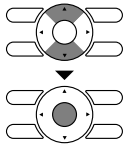
■Setting the clock

Operation Method

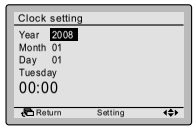
1



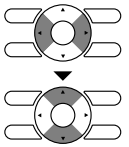
- Display the main menu screen. (See page 26.)
- Press ▼▲ buttons to select Clock setting on the main menu screen.
  Press Menu/Enter button to display the clock settings screen.



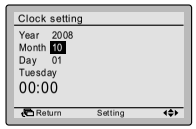
2



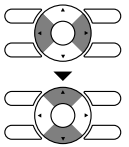
- Select “Year” with ◀▶ buttons.
  Input the year with ▼▲ buttons.
  Holding down the button causes the number to change continuously.



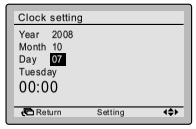
3



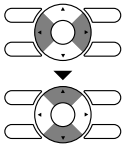
- Select “Month” with ◀▶ buttons.
  Input the month with ▼▲ buttons.
  Holding down the button causes the number to change continuously.



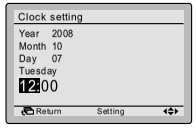
4



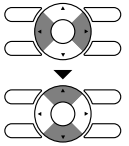
- Select “Day” with ◀▶ buttons.
  Input the day with ▼▲ buttons.
  Holding down the button causes the number to change continuously.
  Days of the week change automatically.



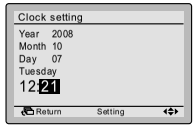
5



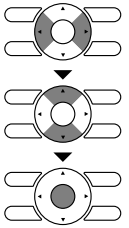
- Select “Hour” with ◀▶ buttons.
  Input the hour with ▼▲ buttons.
  Holding down the button causes the number to change continuously.



6



- Select “Minute” with ◀▶ buttons.
  Input the minute with ▼▲ buttons.
  Holding down the button causes the number to change continuously.
- Press Menu/Enter button.
  The settings confirmation screen will appear.



Note:

The date can be set between January 1, 2008 and December 31, 2099.

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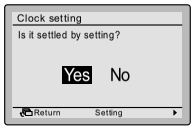
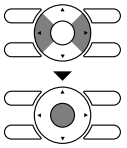
Menu Manipulation

7



- Press ◀▶ button to select **Yes** on the settings confirmation screen. Press Menu/Enter button to set the clock and return to the basic screen.



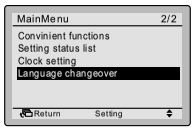
* When setting schedule timer, the display return to the settings screens.

Language changeover

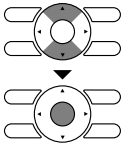
■Selectable languages

Operation Method

1

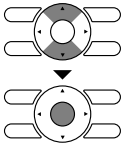


- Display the main menu screen. (See page 26.)
- Press ▼▲ buttons to select **Language changeover** on the main menu screen and press the Menu/Enter button.



2

- Press ▼▲ buttons to select “Language” on the language changeover screen.
  English/Deutsch/Français/Español/
  Italiano/Ελληνικά/Nederlands/
  Portugues/Русский/Türkçe
- Pressing Menu/Enter button to confirm settings and return to the basic screen.

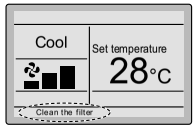


Maintenance

Filter Sign Resetting

Operation Method

1

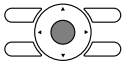


- When the time to clean the filter or element has come, one of the following messages will appear on the bottom of the basic screen.
  “Clean the filter”
  “Clean the filter and element”
  “Clean the element”

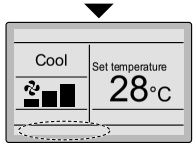
- Wash, clean, or replace the filter or element.
  For details, refer to the operation manual of the indoor unit.

2

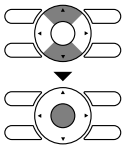
- Reset the filter sign when the filter or element is washed, cleaned, or replaced.
- Press Menu/Enter button.
  The main menu screen will appear.



3



- Press ▼▲ buttons to select **Filter Sign Reset** on the main menu screen and press Menu/Enter button.



- The display shown in *1* will disappear from the basic screen when the filter sign is reset.

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Maintenance

⚠ Caution

- **Do not wash the remote controller.**
  Doing so may cause electric leakage and result in electric shocks or fire.

- **Be sure to stop the operation of the air conditioner and turn off the power supply breaker at the time of maintenance.**
  Failure to do so may result in electric shocks or injury.

Maintenance of Unit and LCD

- Wipe the LCD and other surface part of the remote controller with a dry cloth when they become dirty.
- If the dirt on the surface cannot be removed, soak the cloth in neutral detergent diluted with water, squeeze the cloth tightly, and clean the surface. Wipe the surface with a dry cloth then.

Note

- Do not use any paint thinner, organic solvent, or strong acid.

⚠ Warning

- **Do not use flammable materials (e.g., hairspray or insecticide) near the air conditioner.**
  Do not clean the product with organic solvents such as benzine or paint thinner.
  The use of organic solvents may cause crack damage to the product, electric shocks, or fire.

Useful Information

Error code Display

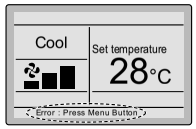
■Contact your Daikin dealer in the following cases

⚠ Warning

- **When the air conditioner is malfunctioning (e.g., giving off a burning odor), stop the air conditioner and turn off power.**
  Continued operation under such circumstances may result in failure, electric shocks, or fire.
  Contact your Daikin dealer.

Operation Method

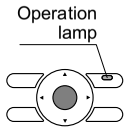
1



- If an error occurs, either one of the following items will blink in the basic screen.

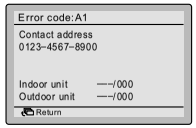
  “Error: Press Menu Button.”
  * The operation indicator will blink.

  “Warning: Press Menu Button.”
  * The operation indicator will not blink.



- Press Menu/Enter button.

2



- The error code blinks and the contact address and model name will appear.
- Notify your Daikin dealer of the Error code and Model name.

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Useful Information

After-sale Service

⚠ Warning

- **Do not disassemble, modify, or repair the unit.**
  Doing so may result in electric shocks or fire.
  Consult your Daikin dealer.

- **Do not relocate or reinstall the remote controller by yourself.**
  Improper installation may result in electric shocks or fire.
  Consult your Daikin dealer.

■Advise the repairer of the following items

- Model name
- Date of installation
- Failure conditions: As precise as possible.
- Your address, name, and telephone number

■Relocation

The relocation of the remote controller requires special technology. Consult your Daikin dealer.
Actual expenses required for the relocation of the remote controller will be charged.

■Repairs after Warranty Period

Consult your Daikin dealer.
Fair-paying services may be possible at the request of the customer.
(The warranty period is one year counting from the date of installation.)

■Inquiry about After-sale Service

Contact your Daikin dealer.

Contents

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2. Accessories 4
3. Remote controller installation procedure 4
4. Functions and menu items of remote controller buttons 10
5. Power-on 12
6. Field setting method 13
7. Test operation method (in the case of SkyAir) 16
8. Checking procedure of error record 19
9. Registration method of the service contract 20
10. Confirmation of registered details 21
11. Clock Setting 22
12. Language changeover 22

1. Safety Precautions

■ **Also see installation manual attached to the indoor unit.**

Please read these "Safety Precautions" carefully before installing air conditioning equipment and be sure to install it correctly.

- The precautions described herein are classified as WARNING and CAUTION. They both contain important information regarding safety. Be sure to observe all precautions without fail.

⚠ **WARNING**	Failure to follow these instructions properly may result in personal injury or loss of life.
⚠ **CAUTION**	Failure to observe these instructions properly may result in property damage or personal injury, which may be serious depending on the circumstances.

- After completing installation, conduct a trial operation to check for faults and explain to the customer how to operate the air conditioner and take care of it with the aid of the operation manual. Ask the customer to store the installation manual along with the operation manual for future reference.

⚠ WARNING
Ask your dealer or qualified personnel to carry out installation work. Do not attempt to install the remote controller yourself. Improper installation may result in water leakage, electric shocks or fire.
Consult your local dealer regarding relocation and reinstallation of the remote controller. Improper installation work may result in leakage, electric shocks or fire hazards.
Install the remote controller in accordance with the instructions in this installation manual. Improper installation may result in water leakage, electric shocks or fire.
Be sure to use only the specified accessories and parts for installation work. Failure to use the specified parts may result in the unit falling, water leaakage, electric shocks or fire.
Install the remote controller on a foundation strong enough to withstand the weight of the remote controller. A foundation of insufficient strength may result in the remote controller falling and causing injury.
Electrical work must be performed in accordance with relevant local and national regulations and with instructions in this installation manual. Be sure to use a dedicated power supply circuit only. Insufficiency of power circuit capacity and improper workmanship may result in electric shocks or fire.
Always perform installation work with the power supply shut-off. Touch with energized electric parts causes an electric shock.
Do not disassembly, reconstruct or repair. Electric shock and/or fire are caused.
Make sure that all wiring is secured, the specified wires are used, and that there is no strain on the terminal connections or wires. Improper connections or securing of wires may result in abnormal heat build-up or fire.
The choice of materials and installations must comply with the applicable national and international standards.

7. Installation Manual

7.1 Safety Precautions

⚠ CAUTION

To avoid leakage and electric shock due to entry of water or insects, fill the wiring through hole with putty.

To avoid electric shocks, do not operate with wet hands.

Do not wash the remote controller with water, as this may result in electric shocks or fire.

Install the indoor and outdoor units, power cord and connecting wires at least 1 meter away from televisions or radios to prevent picture interference and noise.
(Depending on the incoming signal strength, a distance of 1 meter may not be sufficient to eliminate noise.)

Do not install the air conditioner in the following locations:

1. Where there is a high concentration of mineral oil spray or vapour (e.g. a kitchen).
   Plastic parts will deteriorate, parts may fall off and water leakage could result.
2. Where corrosive gas, such as sulphurous acid gas, is produced.
   Corroding of copper pipes or soldered parts may result in refrigerant leakage.
3. Near machinery emitting electromagnetic radiation.
   Electromagnetic radiation may disturb the operation of the control system and result in a malfunction of the unit.
4. Where flammable gas may leak, where there is carbon fibre or ignitable dust suspensions in the air, or where volatile flammables such as paint thinner or gasoline are handled.
   Operating the unit in such conditions may result in fire.
5. High temperature area or directly flamed point.
   Heating and/or firing may be caused.
6. Moist area, or place where may be exposed to water.
   If water enters inside of the remote controller, electric shock may be caused and inner electronics may fail.

When remote controller thermo function is used, select the installation location considering the followings.

- A place where average temperature in the room can be detected.
- A place where is not exposed to direct sunlight.
- A place where is far apart from heat source.
- A place where is not affected by outside air due to door opening/closing or the like.

2. Accessories

The following accessories are included.

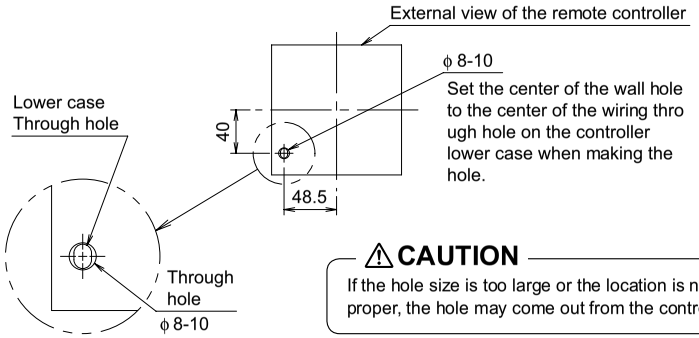
Wood screw	Small screw	Clamp	Operation manual	Installation manual	Wiring retainer
(ϕ3.5×16)	(M4×16)				
(2 pcs.)	(2 pcs.)	(1 pc.)	(1 pc.)	(1 pc.)	(1 pc.)

3. Remote controller installation procedure

3-1 Determine where to install the remote controller.

Make sure to follow "**1. Safety Precautions**" when determining the location.

3-2 Make a wiring through hole on the wall if the wires are taken out from the back side.


External view of the remote controller
ϕ 8-10
Set the center of the wall hole to the center of the wiring thro ugh hole on the controller lower case when making the hole.
Lower case
Through hole
40
48.5
Through hole
ϕ 8-10

⚠CAUTION

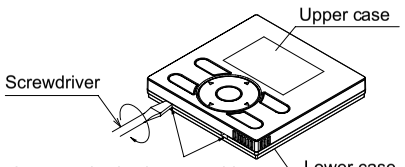
If the hole size is too large or the location is not proper, the hole may come out from the controller.

3-3 Remove upper case.

Insert a screwdriver in the recess of lower case to remove the upper case (2 points).

Remote controller PC-board is installed on the upper case. Take care not to damage the PC-board with the screwdriver.

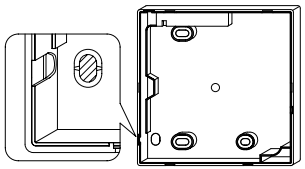
Take care that dust or moisture does not touch the PC-board of removed upper case.



Insert and twist the screwdriver lightly for removal.

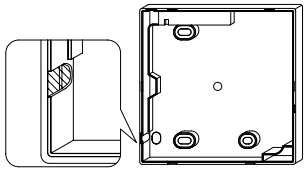
3-4 Determine the direction of controller wiring outlet (back outlet, left outlet, upper center outlet, upper outlet).

3-4-1 Back outlet



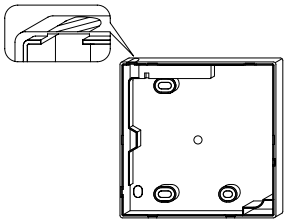
Cut off resin area (hatched area).

3-4-2 Left outlet



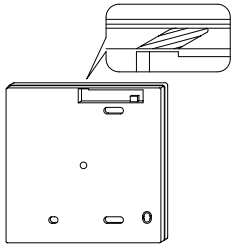
Cut off thin area (hatched area) with nippers or the like, and then remove burr with a file or the like.

3-4-3 Upper outlet



Cut off thin area (hatched area) with nippers or the like, and then remove burr with a file or the like.

3-4-4 Upper center outlet



Cut off thin area (hatched area) with nippers or the like, and then remove burr with a file or the like.

3-5 Conduct wiring.

⚠CAUTION

1. Switch box and transmission wiring are not attached.
2. Do not directly touch the remote controller PC-board.

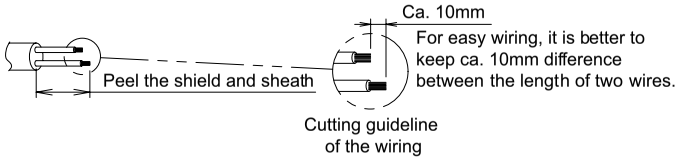
Wiring Specifications

Wiring Type	Sheathed vinyl cord or cable (2 wire) (NOTE)
Wiring Size	0.75-1.25mm²

NOTE

Shield wire (2 wire) can be used for remote controller wiring, but it must confirm to EMC (Electromagnetic Compatibility) (Australian regulation)

Sheath part in the remote controller case should be stripped.

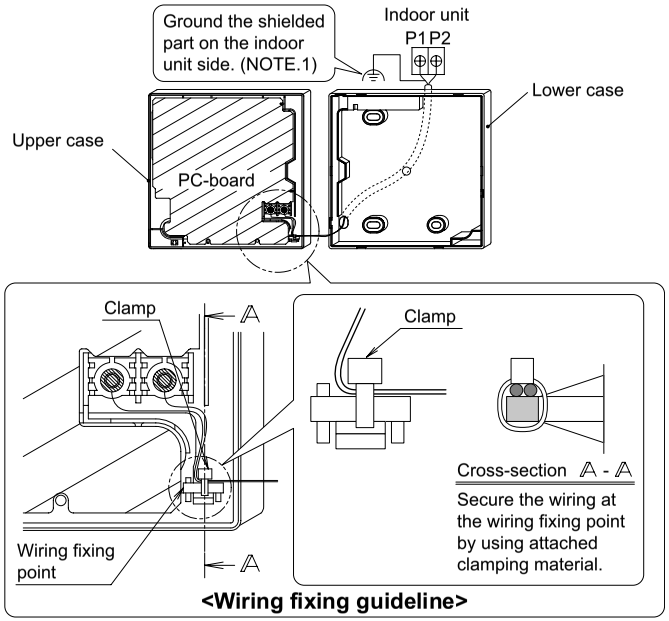

Ca. 10mm
For easy wiring, it is better to keep ca. 10mm difference between the length of two wires.
Peel the shield and sheath
Cutting guideline of the wiring

Sheath stripping length:

- Ca. 150mm for upper outlet
- Ca. 200mm for upper center outlet

Connect the terminals (P/P1, N/P2) of the remote controller upper case with the terminals (P1, P2) of the indoor unit. (P1 and P2 have no polarities.)

3-5-1 Back outlet



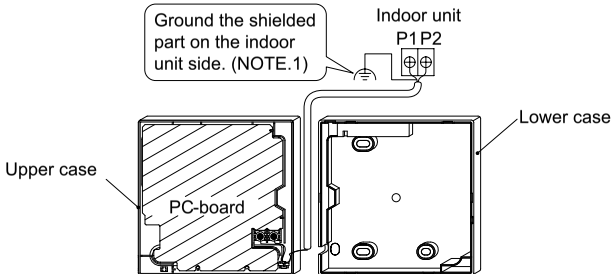
<Wiring fixing guideline>

NOTE

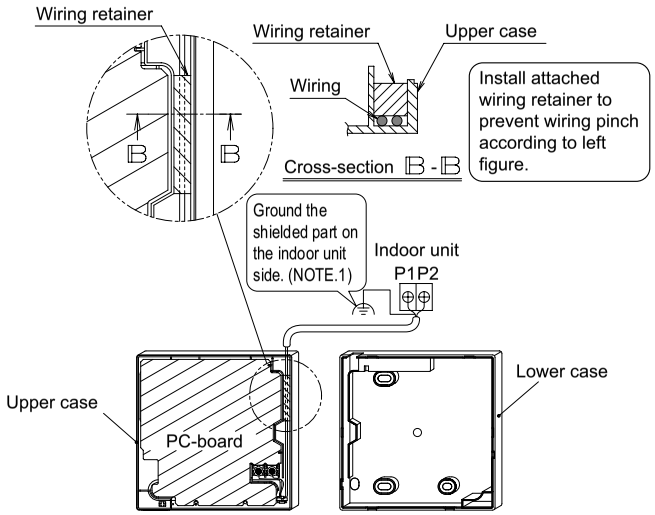
1) Shield wire (2 wire) can be used for remote controller wiring, but it must confirm to EMC (Electromagnetic Compatibility) (Australian regulation)

3P243521-1

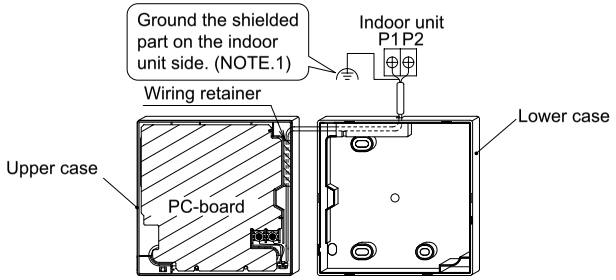
3-5-2 Left outlet



3-5-3 Upper outlet



3-5-4 Upper center outlet



⚠CAUTION

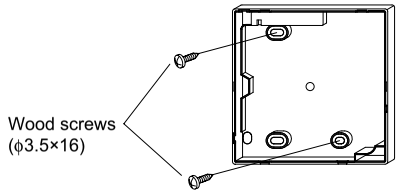
- Perform wiring apart from a power line not to receive electrical noise (external noise) during the wiring.
- Seal wiring draw-in port securely with putty (field supply) to prevent entry of insects or the like.

3-6 Fixing procedure of lower case.

In the case of wiring center upward drawing or rearward drawing, see wiring procedure first as wiring with the case is needed before fixing.

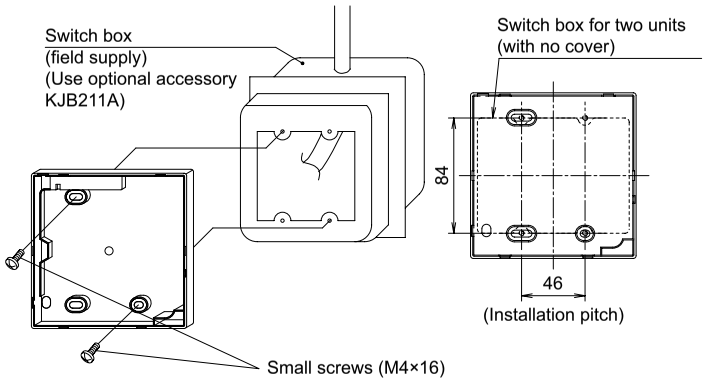
3-6-1 In the case of installation on the wall

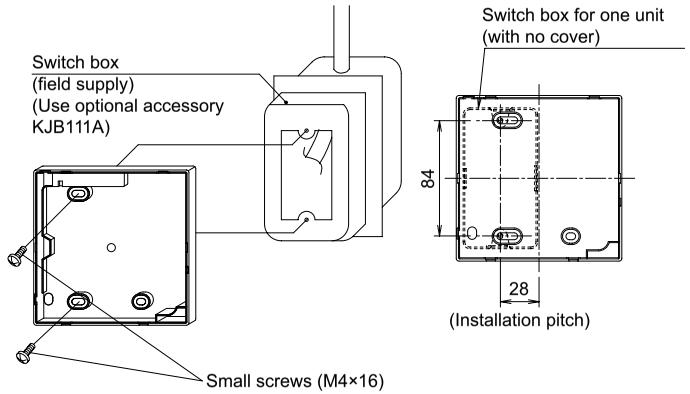
Secure by using attached wood screws (2 pcs.).



3-6-2 In the case of installation on the switch box

Secure by using attached small screws (2 pcs.).



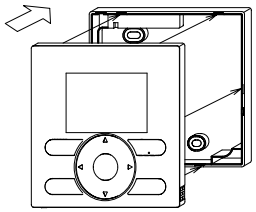


⚠CAUTION

- Select flat place for installation face as possible.
- And, do not tighten the installation screws too much not to deform the lower case.

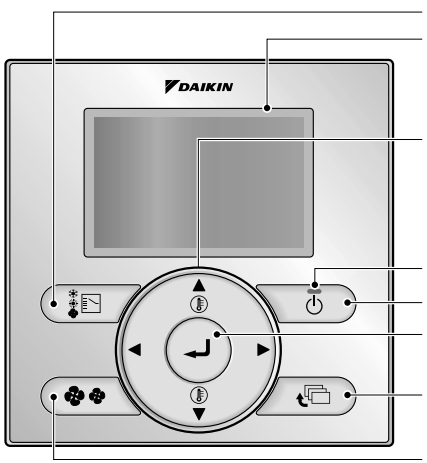
3-7 Install the upper case as original condition.

- Align the upper case with tabs of the lower case (6 points), inset and install the upper case.
- Install the wiring with care to prevent the pinch.
- Peel off a protective seal which is attached on the upper case.



4. Functions and menu items of remote controller buttons

4-1 Functions and menu items



(1) Operation mode selector button
Used to change the mode.

(2) Fan speed control button
Used to change the fan control.

(3) Menu/Enter button
- Used to indicate the main menu. (For details of main menu, see the operation manual.)
- Used to enter the setting item selected.

Main menu

Set temp mode changeover
Airflow Direction
Quick Cool/Heat On/Off
Ventilation
Timer setting
Service Contact/Model Info
Convenient functions
Setting status list
Clock setting
Language changeover

∗Depending on connected model

(4) Up button ▲
- Used to raise the set temperature.
- The next items on the upper side will be highlighted. (The highlighted items will be scrolled continuously when the button is kept pressed.)
- Used to change the item selected.

(5) Down button ▼
- Used to lower the set temperature.
- The next items on the lower side will be highlighted. (The highlighted items will be scrolled continuously when the button is kept pressed.)
- Used to change the item selected.

(6) Right button ▶
- Used to highlight the next items on the right-hand side.
- Display contents are changed to next screen per page.

(7) Left button ◀
- Used to highlight the next items on the left-hand side.
- Display contents are changed to previous screen per page.

(8) On/Off button
Press once to operate, and press once again to stop.

(9) Operation lamp
Green lamp lights up during operation. The lamp will blink if an malfunction occurs.

(10) Cancel button
- Used to return to the previous screen.
- Press and hold this button for 4 seconds or longer to display field setting menu.

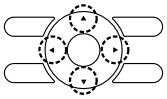
(11) LCD (with backlight)
The backlight will be light for approximately 30 seconds by pressing any operation button.

Field setting menu

Test operation ON/OFF
Register Service Contract
Field setting list
Group No. setting
Indoor unit Airnet No. set
Outdoor unit Airnet No. set
Error record
Indoor status display
Outdoor status display
Fan forced operation ON
Main/Sub changeover
Filter element sign OFF

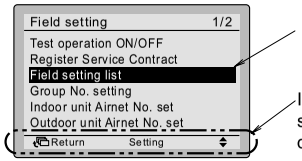
∗Depending on connected model

⚠CAUTION
- Operate the button during backlight lit. However, On/Off may be operated concurrently with backlight lit.
- When 1 indoor unit is controlled by 2 remote controllers, a remote controller backlight which is operated first light.
- To operate Up/Down/Left/Right button, always press ▲ of the button.



4-2 Displays for button operation descriptions

<Field setting menu screen>



Highlighted display (selected items)

In the highlighted display (selected items) setting screen, button operation descriptions are displayed.

5. Power-on

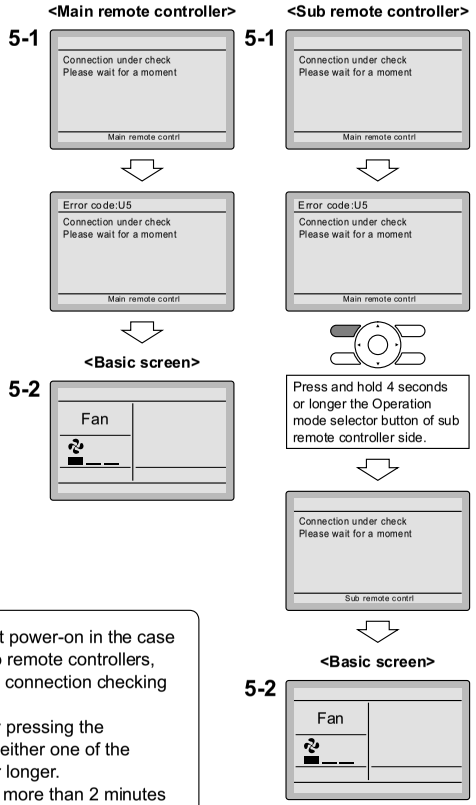
- Check for completion of indoor/outdoor units wiring.
- Check for closing of EL. COMPO. BOX cover of indoor and outdoor units before power-on.

5-1 Followings are displayed after power-on.
"Connection under check
Please wait for a moment"

During above display, backlight does not light by button operation.

When 1 indoor unit is controlled by 2 remote controllers:

Be sure to set sub remote controller during above display. Press and hold 4 seconds or longer the Operation mode selector button of the remote controller to be set.
When the display is changed from main remote controller to sub remote controller, the setting is completed.



5-2 Basic screen is displayed.

⚠CAUTION
If sub remote controller is not set at power-on in the case of one indoor unit controlled by two remote controllers, "Error code: U5" is displayed in the connection checking screen.
Select the sub remote controller by pressing the Operation mode selector button of either one of the remote controllers for 4 seconds or longer.
If the basic screen is not displayed more than 2 minutes after "sub remote controller" display, shut off the power supply and check the wiring.

NOTE
When selecting a different language, refer to **12. Language changeover**.
(See page 22.)

6. Field setting method

6-1 Press and hold Cancel button for 4 seconds or longer.
Field setting menu is displayed.

6-2 Select Field setting list in the field setting menu, and press Menu/Enter button.
Field setting list screen is displayed.

6-3 Highlight the mode, and select desired "Mode No." by using ▲▼ (Up/Down) button.

6-4 In the case of setting per indoor unit during group control (When Mode No. such as 20 , 21 , 22 , 23 , 25 are selected), highlight the unit No. and select "Indoor unit No." to be set by using ▲▼ (Up/Down) button.
(In the case of group total setting, this operation is not needed.)

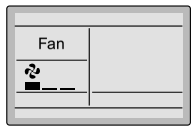
In the case of individual setting per indoor unit, current settings are displayed. And, SECOND CODE NO. " - " means no function.

6-5 Highlight SECOND CODE NO. of the FIRST CODE NO. to be changed, and select desired "SECOND CODE NO." by using ▲▼ (Up/Down) button. Multiple identical mode number settings are available.

In the case of group total setting, all of SECOND CODE NO. which may be set are displayed as " ∗ ". " ∗ " is changed to SECOND CODE NO. to be set. And, SECOND CODE NO. " - " means no function.

<Basic screen>

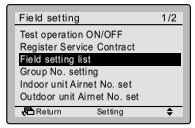
6-1



Press and hold Cancel button for 4 seconds or longer during backlight lit.

<Field setting menu screen>

6-2

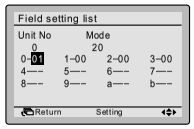


Press Menu/Enter button.

<Field setting screen>

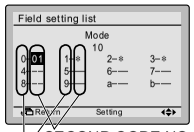
In the case of individual setting per indoor unit

6-3
6-4
6-5



In the case of group total setting

6-3
6-5



SECOND CODE NO.
FIRST CODE (SW) NO.

Press Menu/Enter button.

6-6 Press Menu/Enter button. Setting confirmation screen is displayed.

6-7 Select Yes and press Menu/Enter button. Setting details are determined and field setting list screen returns.

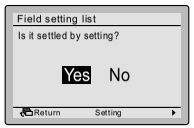
6-8 In the case of multiple setting changes, repeat "**6-3**" to "**6-7**".

6-9 After all setting changes are completed, press Cancel button twice.

6-10 Backlight goes out, and "Connection under check Please wait for a moment" is displayed for initialization. After the initialization, the basic screen returns.

<Setting confirmation screen>

6-6
6-7



Press Menu/Enter button.

Setting confirmation

⚠CAUTION

- When an optional accessory is installed on the indoor unit, settings of the indoor unit may be changed. See the manual of the optional accessory.
- For field setting details of the outdoor unit, see installation manual attached to the outdoor unit.

Mode No. Note) 1	FIRST CODE NO.	Description of setting		SECOND CODE NO. Note) 2			
				01	02	03	04
10 (20)	0	Filter Contamination - Heavy/Light (Setting for spacing time of display time to clean air filter) (Setting for when filter contamination is heavy, and spacing time of display time to clean air filter is to be halved)	Ultra long life filter	Light: Approx. 10.000 hrs.	Heavy: Approx. 5.000 hrs.	———	———
			Long life filter	Light: Approx. 2.500 hrs.	Heavy: Approx. 1.250 hrs.	———	———
			Standard filter	Light: Approx. 200 hrs.	Heavy: Approx. 100 hrs.	———	———
	1	Long-life filter type (setting of filter sign indication time). (Change setting when ultra-long filter is installed)		Long-life filter	Ultra-long life filter	———	———
	2	Thermostat sensor in remote controller		Use	Not use	———	———
	3	Spacing time of display time to clean air filter count (setting for when the filter sign is not to be displayed)		Display	Do not display	———	———
11 (21)	0	Setting number of connected Sky Air simultaneous operation system indoor units (setting for simultaneous operations system)		Pair	Twin	Triple	Double twin

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Mode No. Note) 1	FIRST CODE NO.	Description of setting	SECOND CODE NO. Note) 2			
			01	02	03	04
12 (22)	1	ON/OFF input from outside (setting for when forced ON/OFF is to be operated from outside).	Forced OFF	ON/OFF operation	———	———
	2	Thermostat differential changeover (setting for when using remote sensor).	1°C	0.5°C	———	———
13 (23)	0	High air outlet velocity (for high ceiling applications).	≤2.7m	>2.7≥3.0m	>3.0≥3.5m	———
	1	Selection of airflow direction (setting for when a blocking pad kit has been installed).	4-way flow	3-way flow	2-way flow	———
	3	Selection of airflow function (setting for when using a decoration panel for outlet).	Equipped	Not equipped	———	———
	4	Airflow direction range setting.	Upper	Normal	Lower	———
	6	Setting the external static pressure (setting according to the connected duct resistance) (for FHYK, follow the high ceiling setting)	Normal (Normal)	High static pressure (High ceiling)	Low static pressure ———	——— ———
15 (25)	3	Drain pump operation with humidifying.	Equipped	Not equipped	———	———
1c	1	Thermostat sensor in remote controller (for limit operation and Home leave function only)	Not use	Use	———	———
	3	Permission level setting	Level 2	Level 3	———	———
1e	2	Home leave function	Not permitted	Permitted	———	———

Notes) 1. Though setting is performed totally in the group, set Mode No. in the parenthesis when individual setting per indoor unit or checking after the setting should be performed.
2. SECOND CODE NO. at factory shipment is set to “01”. However for the following cases it is set to “02”.
- Airflow direction range setting (except round flow cassette)
- Thermostat sensor in remote controller (SkyAir only)
- Thermostat sensor in remote controller for limit operation and Home leave function only
- Home leave function

3. Any function which the indoor unit does not have is not displayed.

7. Test operation method (in the case of SkyAir)

∗ In the case of VRV, see the manual attached to the outdoor unit.

Also see installation manuals attached to the indoor unit and the outdoor unit.

- Check that wiring work of the indoor unit and the outdoor unit is completed.
- Check that EL. COMPO. BOX cover of the indoor unit and the outdoor unit is closed.
- After refrigerant piping, drain piping and electric wiring are completed, clean inside of the indoor unit and decorative panel.
- Perform the test operation according to following procedure.

7-1 Make sure to turn on the power supply more than 6 hours before operation start with front panel closed to protect compressor.

7-2 Confirm that stop valves of both liquid and gas are opened.
<Make sure that outer panel and piping cover is closed before operation (danger of electric shock). >
∗ After air purge by vacuum pump, refrigerant pressure may not rise even though the stop valve is opened. The reason is that refrigerant system of the outdoor unit is blocked by electrical expansion valve or the like. Operation is no problem.

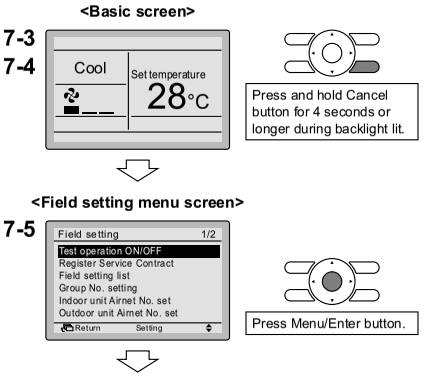
7-3 Set the operation mode to cooling by using the remote controller.

7-4 Press and hold Cancel button for 4 seconds or longer. Field setting menu is displayed.

7-5 Select Test operation ON/OFF in the field setting menu, and press Menu/Enter button. Basic screen returns and “Test operation” is displayed.

Notes for backlight

- The backlight will be light for approximately 30 seconds by pressing any operation button.
- Operate the buttons during the backlight lit. However, On/Off can be operated concurrently with the backlight lit.



7-6 Press On/Off button within about 10 seconds. The test operation starts. Check operation condition for 3 minutes.
∗ Note) In the case of above-mentioned procedures **7-5** and **7-6** in reverse order, test operation can start as well.

7-7 Press Menu/Enter button in the basic screen. Main menu is displayed.

7-8 In the case of a model having airflow direction setting function, select Airflow Direction in the main menu and check that airflow direction is actuated according to the setting. For operation of airflow direction setting, see the operation manual.

7-9 After the operation of airflow direction is confirmed, press Menu/Enter button. Basic screen returns.

7-10 Press and hold Cancel button for 4 seconds or longer in the basic screen.
Field setting menu is displayed.

7-11 Select Test operation ON/OFF in the field setting menu, and press Menu/Enter button. Basic screen returns and normal operation is conducted.

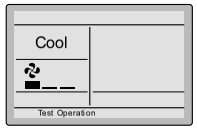
7-12 Check the functions according to the operation manual.

7-13 When the decorative panel is not installed, shut off the power supply after the test operation finishes.

- If interior work is not completed after the test operation finish, explain to the customer that operation should not be performed until the interior work completion to protect the indoor unit.

  (If the operation is performed, the indoor unit may be contaminated with the materials which arise from paints or adhesives during the interior work, and water splash or water leak may occur.)

7-6
7-7

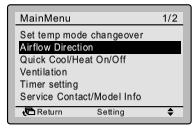


Press On/Off button (within 10 seconds).

Press Menu/Enter button.

<Main menu screen>

7-8



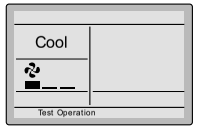
Press Menu/Enter button.

7-9

Change the airflow direction by using ▲▼ (Up/Down)button.

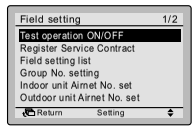
Press Menu/Enter button.

7-10



Press and hold Cancel button for 4 seconds or longer during backlight lit.

7-11



Press Menu/Enter button.

<Basic screen>

⚠CAUTION

- If operation is not available due to any malfunction, refer to following **Failure diagnosis method** .
- After the test operation finishes, check that error code record is not displayed in the Service Contact/Model Information screen of the main menu according to the following procedure.

7-14 Press Menu/Enter button in the basic screen. Main menu screen is displayed.

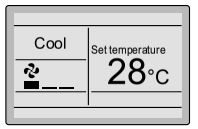
7-15 Select Service Contact/Model Info in the main menu, and press Menu/Enter button.

7-16 Service Contact/Model Information screen is displayed. Check that error code record is not displayed in the screen.
∗ Screen which does not display the error code record means normal status.

7-17 If the error code record is displayed, conduct the failure diagnosis referring to <Error code list> in the installation manual of the indoor unit.
After the failure diagnosis finishes, press and hold On/Off button for 4 seconds or longer in the "Service Contact/Model Info" screen to erase the error code record.

<Basic screen>

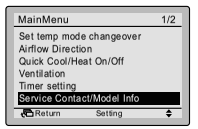
7-14



Press Menu/Enter button.

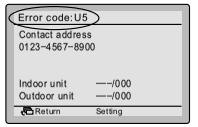
<Main menu screen>

7-15

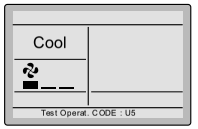


Press Menu/Enter button.

7-16
7-17



Press and hold On/Off button for 4 seconds or longer during backlight lit.



Failure diagnosis method

- When the remote controller displays any item in following table, inspect the details in the table.
- If a error occurs, "code" is displayed in the LCD like right figure.
  Conduct the failure analysis referring to "Error code list" in the installation manual of the indoor unit.
  And when the unit No. which detected the error during group control is confirmed, refer to "**8. Checking procedure of error record**".

Remote controller display	Description
No display	● Power outage, power voltage error or open-phase ● Wrong wiring (between indoor and outdoor units) ● Indoor PC-board assembly failure ● Remote controller wiring disconnection ● Remote controller failure ● Fuse blow (outdoor unit)
Display of “Connection under check Please wait for a moment” is turned on. ＊	● Indoor PC-board assembly failure ● Wrong wiring (between indoor and outdoor units)

＊ Though
“Connection under check
Please wait for a moment” is displayed for 90 seconds at maximum after power-on, this does not mean a failure. (Determine after 90 seconds.)

8. Checking procedure of error record

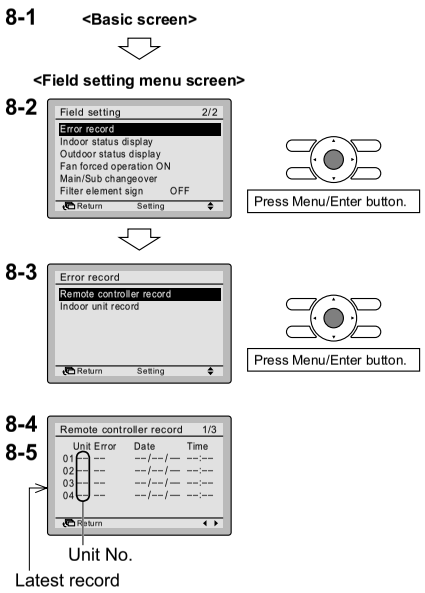
8-1 Press and hold Cancel button for 4 seconds or longer in the basic screen. Field setting menu is displayed.

8-2 Select Error record in the field setting menu, and press Menu/Enter button. The error record menu screen is displayed.

8-3 Select Remote controller record in the error record menu, and press Menu/Enter button.
Error codes and unit No. can be confirmed in the error record display screen.

8-4 In the error record, 10 items from the latest are displayed in order.

8-5 Press Cancel button in the error record display screen 3 times.
The basic screen returns.



9. Registration method of the service contract

● Registration of the service contract.

9-1 Press and hold Cancel button for 4 seconds or longer in the basic screen.
Field setting menu is displayed.

9-2 Select Register Service Contract in the field setting menu, and press Menu/Enter button. “Register service contract” menu screen is displayed.

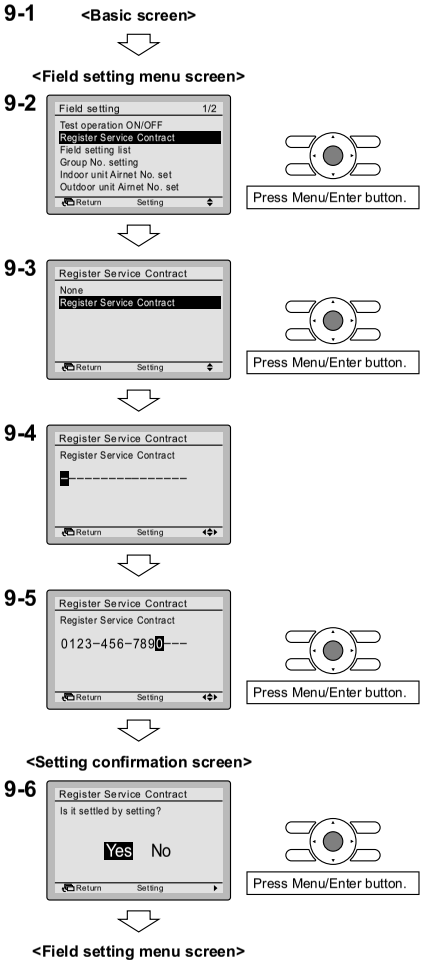
9-3 Select Register Service Contract , and press Menu/Enter button.

9-4 Enter the telephone number. Numeric varies by using ▲▼ (Up/Down) button. Enter from the left end, and blank digit should be left as “ - ”.

9-5 Press Menu/Enter button.
Setting confirmation screen is displayed.

9-6 Select Yes and press Menu/Enter button.
Setting details are determined and field setting menu screen returns.

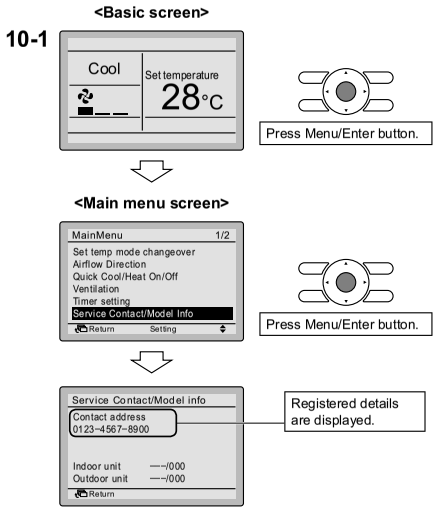
9-7 Press Cancel button once.
The basic screen returns.



10. Confirmation of registered details

10-1 Press Menu/Enter button in the basic screen.
Main menu is displayed.
Select Service Contact/Model Info in the main menu, and press Menu/Enter button.

10-2 Press Cancel button twice.
The basic screen returns.



11. Clock Setting

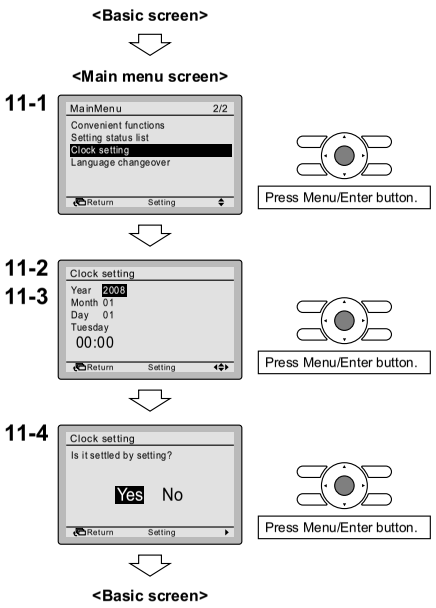
11-1 Press Menu/Enter button in the basic screen.
Main menu is displayed.
Select Clock setting in the main menu, press Menu/Enter button.

11-2 Select “year”, “month”, “day” and “time” by using ◀▶ (Left/Right) button and set by using ▲▼ (Up/Down) button in the clock setting screen. During the button is pressed and held, numeric changes continuously.
∗ Day of the week is set automatically.

11-3 Press Menu/Enter button.
Setting confirmation screen is displayed.

11-4 Select Yes and press Menu/Enter button.
Setting details are confirmed and basic screen returns.

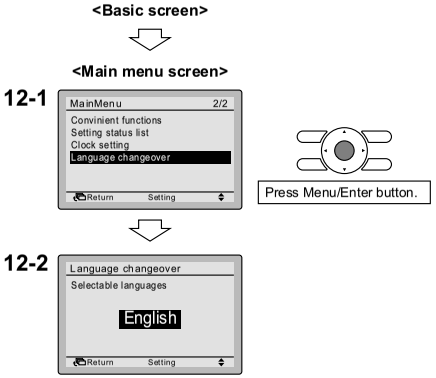
∗ If duration of power outage exceeds 48 hours, reset is needed.



12. Language changeover

12-1 Press Menu/Enter button in the basic screen.
Main menu is displayed.
Select Language changeover in the main menu, press Menu/Enter button.

12-2 Press ▲▼ (Up/Down) buttons to select “Language” on the language change-over screen.
English/Deutsch/ Français/Español/ Italiano/Ελληνικά/Nederlands/ Portugues/Русский/Türkçe
Pressing Menu/Enter button.
Setting details are confirmed and basic screen returns.



Warning

- Daikin Industries, Ltd.'s products are manufactured for export to numerous countries throughout the world. Daikin Industries, Ltd. does not have control over which products are exported to and used in a particular country. Prior to purchase, please therefore confirm with your local authorised importer, distributor and/or retailer whether this product conforms to the applicable standards, and is suitable for use, in the region where the product will be used. This statement does not purport to exclude, restrict or modify the application of any local legislation.
- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have any enquiries, please contact your local importer, distributor and/or retailer.

Cautions on product corrosion

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.

JMI-0107

Organization:
DAIKIN INDUSTRIES, LTD.
AIR CONDITIONING MANUFACTURING DIVISION

Scope of Registration:
THE DESIGN/DEVELOPMENT AND MANUFACTURE OF COMMERCIAL AIR CONDITIONING, HEATING, COOLING, REFRIGERATING EQUIPMENT, COMMERCIAL HEATING EQUIPMENT, RESIDENTIAL AIR CONDITIONING EQUIPMENT, HEAT RECLAIM VENTILATION, AIR CLEANING EQUIPMENT, MARINE TYPE CONTAINER REFRIGERATION UNITS, COMPRESSORS AND VALVES.

JQA-1452

Organization:
DAIKIN INDUSTRIES (THAILAND) LTD.

Scope of Registration:
THE DESIGN/DEVELOPMENT AND MANUFACTURE OF AIR CONDITIONERS AND THE COMPONENTS INCLUDING COMPRESSORS USED FOR THEM

EC99J2044

All of the Daikin Group's business facilities and subsidiaries in Japan are certified under the ISO 14001 international standard for environment management.

Dealer

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